



Hendry Izaac Elim

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Prof. H. I. Elim, Ph.D is a simple prominent Physicist at ELIM Advanced Tech. Lab. at Pattimura univ. He was the founder of the first Nanotechnology Research Center and Innovative Creation (PPNRI).

Publication Metrics

For manuscripts published from date range July 1997 - July 2024

28

H-index

2886

Sum of Times Cited

117

Total Publications

56

Web of Science Core Collection Publications

43

Sum of Times Cited by Patents

For all time

28

H-index

2886

Sum of Times Cited

117

Total Publications

56

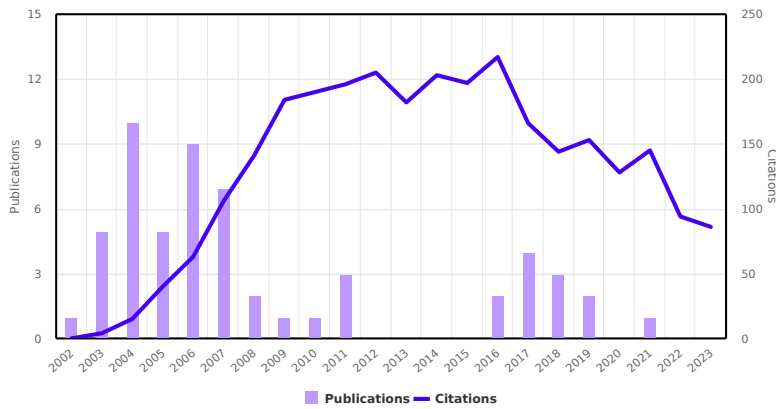
Web of Science Core Collection Publications

43

Sum of Times Cited by Patents

Publication Impact Over Time

Times Cited and Publications Over Time



Publishing Summary

For manuscripts published from date range July 1997 - July 2024

(17) Science Nature

(7) International Journal of Health M...

(5) Chemical Physics Letters

(3) Journal of Physics: Conference S...

(3) Journal of Nonlinear Optical Phys...

(3) Journal of Materials Chemistry

(2) European Journal of Inorganic C...

(2) Conference Program - MOC'11: ...

(2) The Journal of Physical Chemistr...

(1) International Conference on Ene...

(1) Nanoscale Reports

(1) Advances in Theoretical & Comp...

(1) Advanced Materials

(1) Journal of Materials Research

(1) ISMANAM 2003: METASTABLE, M...

(1) Proceedings of the SPIE - The Int...

(1) Kenkyu Journal of Nanotechnolo...

(1) Jurnal Aplikasi Multidisiplinari Fils...

(1) NSTI Nanotechnology Conferenc...

(1) Journal of Electroceramics

(14) ArXiv

(7) Applied Physics Letters

(3) AIP Conference Proceedings

(3) PAKEM: Jurnal Pengabdian Kepad...

(3) Proceedings of SPIE - The Interna...

(3) The Journal of Physical Chemistr...

(2) Nanotechnology & Applications

(2) The Pacific Rim Conference on L...

(2) Journal of Applied Physics

(1) Biochemistry and Modern Applic...

(1) Journal of Nanomedicine & Nano...

(1) Journal of Metastable and Nanoc...

(1) Applied Physics B

(1) Thin Solid Films

(1) Journal of the American Chemic...

(1) Advanced Fiber Materials

(1) Nano Progress

(1) COJ Reviews and Research

(1) Journal of Environmental Scienc...

(1) Applied Physics A Solids and Surf...

(1) Physical Chemistry Chemical Phy...	(1) PEJLaC: Pattimura Excellence Jou...
(1) Chemical Communications	(1) Applied Physics Express
(1) Physical Review B	(1) Carbon
(1) Journal of Organometallic Chemi...	(1) Solid State Ionics
(1) Ceramics International	(1) AIP Advances

Publications

For manuscripts published from date range July 1997 - July 2024 (103)

Times Cited
(All time)

METODE BARU CARA PENILAIAN MASALAH KONTRIBUSI SOSIAL DI ERA INTERAKSI INDUSTRY 5.0 DAN SOCIETY 5.0: CONTOH EVALUASI ARTIKEL PILIHAN DI BLOG KOMPASIANA

Authors (1): Prof. H.I. Elim, Ph.D (PHYSICiST); Elim Heaven; Hendry Izaac Elim, H.I. Elim; Hendry I. Elim

Published: Apr 2024 in PAKEM: Jurnal Pengabdian Kepada Masyarakat

DOI: 10.30598/PAKEM.4.1.112-126

Not indexed in
the Web of
Science

EVALUASI DAN PENINGKATAN BELAJAR MATEMATIKA SMP DAERAH TERTINGGAL, TERDEPAN, DAN TERLUAR (3T): METODE SEDERHANA LOGIKA TAKTIS

Authors (1): Prof. Hendry Izaac Elim, Ph.D

Published: Nov 2023 in PAKEM: Jurnal Pengabdian Kepada Masyarakat

DOI: 10.30598/PAKEM.3.2.189-197

Not indexed in
the Web of
Science

A Novel Quality Evaluation Using a Smart Unique Language of Interaction Data Between Industry 5.0 and Society 5.0

Published: Jun 2023

DOI: 10.30598/PEJLAC.V3.I1.PP45-56

Not indexed in
the Web of
Science

INTERAKSI DAN IMPLEMENTASI TERINTEGRASI DARI PENDIDIKAN, PROFESI KEGURUAN DAN KEILMUAN SAINS DALAM PEMAHAMAN BELAJAR SISWA SMP: APA PENGERTIAN LISTRIK DAN MAGNET?

Authors (1): Hendry Izaac Elim

Published: Apr 2023 in PAKEM: Jurnal Pengabdian Kepada Masyarakat

DOI: 10.30598/PAKEM.3.1.27-34

Not indexed in
the Web of
Science

A propose model of integrated interaction among organic molecules in 4D frequency interconnection system: A universe control prototype (UCP)

Authors (2): H. I. Elim; B. Deva Prasad Raju

Published: 2023 in AIP Conference Proceedings

DOI: 10.1063/5.0133140

Not indexed in
the Web of
Science

Fabrication and characterization of voltage control in thin flexible battery (TFB) using merbau iron wood (*Instia* sp.) waste material
Authors (3): Randi Rasyid Latuconsina; B. Deva Prasad Raju; H. I. Elim
Published: 2023 in AIP Conference Proceedings
DOI: 10.1063/5.0111102

Not indexed in
the Web of
Science

Mapping World Language: is Proto-Indo-European the First one?
Authors (1): Hendry Izaac Elim
Published: Nov 2022 in PEJLaC: Pattimura Excellence Journal of Language and Culture
DOI: 10.30598/PEJLAC.V1.I2.PP42-47

Not indexed in
the Web of
Science

Large nonlinear absorption in single aggregate of silver nanoparticles observed with z-scan imaging technique
Authors (1): Elim, Hendry Izaac
Published: Nov 2021 in AIP Advances
DOI: 10.1063/5.0062832
Accession Number: WOS:000721523400003

1

Unique Physical Behavior with Two Main Integrated Types of Chemical Substances of Herbal Medicine based Insulin Leaf (*Tithonia diversifolia* (Hemsley) A. Gray (Asteraceae)): A Healthy Simple Natural Drink
Authors (3): Nur Arafah Mahubessy; Hanoch J. Sohilit; Hendry Izaac Elim
Published: Jun 2021 in Science Nature
DOI: 10.30598/SNVOL4ISS1PP304-317YEAR2021

Not indexed in
the Web of
Science

Integrated 8 Wisdom Compounds Interaction in Multitasking Healing System: Confinement Energy in 4D Frequency Interconnection
Authors (1): Hendry Izaac Elim
Published: Jun 2021 in Science Nature
DOI: 10.30598/SNVOL4ISS1PP326-337YEAR2021

Not indexed in
the Web of
Science

Hydro thermal synthesis and electrochemical characterization of $(V_{1/2}Sb_{1/2}Sn)_O_4$ and $(Fe_{1/2}Sb_{1/2}Sn)_O_4$ as energy storage materials
Authors (11): Anil Kumar M. R.; Hendry Izaac Elim ... M .V. Reddy
Published: 2021 in AIP Conference Proceedings
DOI: 10.1063/5.0061746

Not indexed in
the Web of
Science

Physical healing system of herbal medicine based Galoba fruits (*Zingiberaceae* sp.): A feeling side of "1 medicine with 7 spirits"
Authors (1): Hendry Izaac Elim
Published: 2021 in International Conference on Energy and Environment (ICEE)
DOI: 10.1063/5.0059496

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the Web of
Science

Refractive Index Border Associated with Nonlinear Optical Properties in Superhybrid Transparent TiO_2 Nanoparticles-Polymer: Great Potential for Ultrafast Optical Waveguide in Optical Communication
Authors (1): Hendry Izaac Elim
Published: Dec 2020 in Science Nature
DOI: 10.30598/SNVOL3ISS4PP282-289YEAR2020

Not indexed in
the Web of
Science

i-LAB, Inspirator-Inventor&Innovator, 13-11-2020 to welcome the 12 physics freshmen
Published: Nov 2020
DOI: 10.13140/RG.2.2.26288.38405

Not indexed in the Web of Science

Heavenly Small Islands Simple Technology & Its Cultural Economy Impacts in Maluku, Indonesia: a New Proposed Multitasking Philosophy in Diversity (MPD)
Authors (7): Hendry I Zaac Elim; Esther Kembauw ... Beni Setha
Published: Sep 2020 in Science Nature
DOI: 10.30598/SNVOL2ISS3PP192-207YEAR2019

Not indexed in the Web of Science

Advancing Frontier Nanophysics in Time of Analytical Chemistry: Who to educate first?
Authors (1): Hendry Izaac Elim
Published: Sep 2020 in Science Nature
DOI: 10.30598/SNVOL3ISS3PP275-281YEAR2020

Not indexed in the Web of Science

From Molecular Electronics System (MES) to Advanced Nanotechnology: A Progress of Frontier Development
Published: Jul 2020 in Nano Progress
DOI: 10.36686/ARIVIAL.NP.2020.02.04.013

Not indexed in the Web of Science

Stamec-Gravitism: A Simple Theoretical Study to Inspire a Prototype Fabrication for Mobile Perpetual Electricity Generator
Authors (2): Yosua Pratama Iswahyudi; Hendry Izaac Elim
Published: Jun 2020 in Science Nature
DOI: 10.30598/SNVOL3ISS2PP257-274YEAR2020

Not indexed in the Web of Science

Is Your Brain Strong Enough to Solve Hard Problems? : Brain Vitamins as a Simple Example for Multitasking Nanotechnology Scientis
Authors (1): Hendry Izaac Elim
Published: Mar 2020 in Science Nature
DOI: 10.30598/SNVOL3ISS1PP244-256YEAR2020

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Control System of Multitasking Interactions between Society 5.0 and Industry 5.0: A Conceptual Introduction & Its Applications
Authors (2): H I Elim; G Zhai
Published: Feb 2020 in Journal of Physics: Conference Series
DOI: 10.1088/1742-6596/1463/1/012035

Not indexed in the Web of Science

Multifunctional Nanowires and Hierarchical 3D Nanostructures of Material Composites for Energy Storage
Authors (5): B Vidyadharan; B Pal ... R Jose
Published: Feb 2020 in Journal of Physics: Conference Series
DOI: 10.1088/1742-6596/1463/1/012036

Not indexed in the Web of Science

Basic Universe of Molecular Electronics System (MES): Introduction and its Applications in Harvesting Daily Life
Published: Dec 2019 in Science Nature
DOI: 10.30598/SNVOL2ISS4PP232-238YEAR2019

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<p>Pseudocapacitive Charge Storage in Thin Nanobelts Authors (10): Kunwar, Ria; Harilal, Midhun ... Jose, Rajan Published: Dec 2019 in Advanced Fiber Materials DOI: 10.1007/S42765-019-00015-W Accession Number: WOS:000672500000004</p>	33
<p>Correlation study on temperature dependent conductivity and line profile along the LLTO/LFP-C cross section for all solid-state Lithium-ion batteries Authors (7): Abhilash, K. P.; Selvin, P. Christopher ... Reddy, M. V. Published: Nov 2019 in Solid State Ionics DOI: 10.1016/J.SSI.2019.115032 Accession Number: WOS:000495479700009</p>	8
<p>Unique Physical and Chemical Properties of Kian Sand Worm (Siphonosoma ur-pulau) Traditional Medicine: Electrical, Optical and Chemical Response of Edible Powder with Different Sizes Authors (2): Amrosius Masrikat; Hendry Izaac Elim Published: Sep 2019 in Biochemistry and Modern Applications DOI: 10.33805/2638-7735.123</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px;">Not indexed in the Web of Science</div>
<p>Image Processing and Optical-Electricity Property of Traditional Medicine Products from Kian Sand Worm (Siphonosoma ur - pulau) Authors (3): Amrosius Masrikat; Yohansli Noya; Hendry Izaac Elim Published: Sep 2019 in Science Nature DOI: 10.30598/SNVOL2ISS3PP148-156YEAR2019</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px;">Not indexed in the Web of Science</div>
<p>Flexible Thin Battery with Fast and Sensitive Voltage Control by a Simple Mechanical Bending: No Energy without Working Authors (7): Hendry Izaac Elim; Meilladelfia Rahman ... Rajan Jose Published: Sep 2019 in Science Nature DOI: 10.30598/SNVOL2ISS3PP157-166YEAR2019</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px;">Not indexed in the Web of Science</div>
<p>A Frontier 2D Nanobattery: “Improving Challenges (Hotumese) and Development” Authors (3): Hendry Izaac Elim; MogalahalliVenkatesh Venkatashamy Reddy; Rajan Jose Published: Jun 2019 in Science Nature DOI: 10.30598/SNVOL2ISS2PP114-121YEAR2019</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px;">Not indexed in the Web of Science</div>
<p>Customary Law Associated with Five Integrated Aspects in Developing Traditional Coastal and Marine Protections for Improving Social People Life and Natural Products in Aru Islands Region of Maluku Province, Indonesia Authors (5): Martinus J. Saptanno; Sostones Sisinaru ... Hendry Izaac Elim Published: Jun 2019 in Science Nature DOI: 10.30598/SNVOL2ISS2PP105-113YEAR2019</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px;">Not indexed in the Web of Science</div>
<p>Pangi Leaf (Pangium edule Reinw) Herbal Medicine: A Marvelous Candidate for the Prominent HIV Herbal Medicine Authors (2): Arend L Mapanawang; Hendry Izaac Elim Published: Jun 2019 in Science Nature DOI: 10.30598/SNVOL2ISS2PP097-104YEAR2019</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px;">Not indexed in the Web of Science</div>

The Observation of Fast, Long Term, and Stable Performance of Toxic Absorption in Herbal Blessing Product Based on Galoba Maluku (Zingiberaceae Fruits)

Authors (2): Ido F Seay; Hendry Izaac Elim

Published: Jun 2019 in Science Nature

DOI: 10.30598/SNVOL2ISS2PP122-127YEAR2019

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the Web of
Science

Nanochip Medicine: Physical Chemistry Engineering

Authors (1): Science Nature

Published: May 2019 in Science Nature

DOI: 10.30598/SNVOL2ISS1PP086-089YEAR2019

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the Web of
Science

The Discovery of NEW Golobe and Its Amazing Healing System

Authors (1): Science Nature

Published: Apr 2019 in Science Nature

DOI: 10.30598/SNVOL2ISS1PP066-070YEAR2019

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the Web of
Science

Theory, Implementation and the Nature of Truth (TIN) in Nanoscience, Nanotechnology, and Nanomedicine (NNN): From the Beginning of Universe to nm Scale Behavior

Authors (1): Hendry Izaac Elim, PH.D

Published: Mar 2019 in Kenkyu Journal of Nanotechnology & Nanoscience

DOI: 10.31872/2018/KJNN-100122

Not indexed in
the Web of
Science

Multitasking Herbal Nanomedicine

Authors (1): Hendry Izaac El

Published: Feb 2019 in Nanoscale Reports

DOI: 10.26524/NR1914

Not indexed in
the Web of
Science

A Novel Simple Technique to Study Mie Scattering Imaging with Photon Counts: Introduction and Its Applications

Authors (5): Hendry Izzac Elim; Bin Cai ... Tadafumi Adschiri

Published: Jan 2019 in Jurnal Aplikasi Multidisiplinari Filsafat Dan Sains (JAMFAS)

DOI: 10.30598/JAMFASVOL1ISS1PP030-036Y2018

Not indexed in
the Web of
Science

Aspect-ratio Dependence of Optical Nonlinearities on Resonance with Longitudinal Surface Plasmon in Au Nanorods: Unique Character versus Common Behavior

Authors (1): Science Nature

Published: Dec 2018 in Science Nature

DOI: 10.30598/SNVOL1ISS1PP001-007YEAR2018

Not indexed in
the Web of
Science

THE FIRST 1000 ATOMS IN HEALING PROCESS: FROM NANOTECHNOLOGY TO NANOMEDICINE

Authors (1): Elim, Hendry Izaac

Published: Dec 2018 in International Journal of Health Medicine and Current Research-ijhmcr

DOI: 10.22301/IJHMCR.2528-3189.1044

Accession Number: WOS:000511910100001

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Chemical Bonding Character of Love Herbal Medicine: A Prominent Medicine Candidate for Preventing HIV Virus

Authors (2): Arend Mapanawang; Hendry Izaac Elim
Published: Jun 2018 in Nanotechnology & Applications
DOI: 10.33425/2639-9466.1003

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the Web of
Science

Electronics Physical System of Large Antioxidant Structure in Herbal Medicine based Zingiberaceae Fruit: Understanding and Application

Authors (2): Hendry Izaac Elim; Arend L. Mapanawang
Published: Jun 2018 in Nanotechnology & Applications
DOI: 10.33425/2639-9466.1004

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the Web of
Science

Scientific Breakthrough based on Natural Creation: "1 Diamond with 7 Eyes"

Authors (1): Hendry Izaac Elim, PH.D
Published: May 2018 in COJ Reviews and Research
DOI: 10.31031/COJRR.2018.01.000502

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the Web of
Science

Sound Velocity Properties due to Salinity, Temperature and Depth of The Whole Banda Sea: A Marvelous Thing of The ~318 Meter Surface of Deep Sea

Authors (1): Hendry Izaac Elim, PH.D
Published: Apr 2018 in Advances in Theoretical & Computational Physics
DOI: 10.33140/ATCP/01/01/00003

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the Web of
Science

Studies on spinel cobaltites, MCo_2O_4 ($M = Mn, Zn, Fe, Ni$ and Co) and their functional properties

Authors (9): Darbar, Devendrasinh; Anilkumar, M. R. ... Reddy, M. V.
Published: Apr 2018 in Ceramics International
DOI: 10.1016/J.CERAMINT.2017.12.010
Accession Number: WOS:000425204400011

53

THE ATTRACTIVE DIFFERENCES OF TWO TYPES OF HERBAL MEDICINE FROM ZINGIBERACEAE FRUIT (GOLOBE HALMAHERA)

Authors (2): Elim, Hendry Izaac; Mapanawang, Arend L.
Published: 2018 in International Journal of Health Medicine and Current Research-ijhmcr
DOI: 10.22301/IJHMCR.2528-3189.826
Accession Number: WOS:000453899300014

2

Unique Chemical Bonding Behavior of Love Herbal Medicine and Its Ability as a Chemotherapy Drug

Authors (2): Arend Mapanawang; Hendry Izaac Elim
Published: 2018 in Journal of Nanomedicine & Nanotechnology
DOI: 10.4172/2157-7439.1000503

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Science

<p>TYPICAL CHARACTER IN THE SOUTH OF BANDA SEA BASED ON THICKNESS AND VARIABILITY IN THE UPPER LIMIT THERMOCLINE AREA AND ITS RELATIONSHIP WITH SOUND VELOCITY</p> <p>Authors (6): Elim, Hendry. I.; Nanlohy, Pieldrie ... Atmadipoera, Agus. S. Published: Dec 2017 in International Journal of Health Medicine and Current Research-ijhmcr DOI: 10.22301/IJHMCR.2528-3189.641 Accession Number: WOS:000424302600007</p>	0
<p>A UNIQUE CYCLONIC AND ANTI-CYCLONIC EDDIES CURRENT CHARACTER IN BANDA SEA</p> <p>Authors (5): Nanlohy, Pieldrie; Hehanussa, Nur S. ... Elim, Hendry. I. Published: Dec 2017 in International Journal of Health Medicine and Current Research-ijhmcr DOI: 10.22301/IJHMCR.2528-3189.600 Accession Number: WOS:000424302600002</p>	0
<p>PHYSICS OF MULTITASKING NANOMEDICINE</p> <p>Authors (1): Elim, Hendry Izaac Published: 2017 in International Journal of Health Medicine and Current Research-ijhmcr DOI: 10.22301/IJHMCR.2528-3189.509 Accession Number: WOS:000424301900006</p>	2
<p>NANOMEDICINE WITH ITS MULTITASKING APPLICATIONS: A VIEW FOR BETTER HEALTH</p> <p>Authors (1): Elim, Hendry Izaac Published: 2017 in International Journal of Health Medicine and Current Research-ijhmcr DOI: 10.22301/IJHMCR.2528-3189.353 Accession Number: WOS:000410906500001</p>	2
<p>WATER CONTAMINATED CaCO₃ AND ITS OPTICAL PROCESS OF AGGREGATION</p> <p>Authors (3): Elim (Elim Heaven), Hendry Izaac; Talapessy, Ronaldo; Sari, Nur Aida B. Retno Published: 2016 in International Journal of Health Medicine and Current Research-ijhmcr DOI: 10.22301/IJHMCR.2528-3189.101 Accession Number: WOS:000408048300018</p>	4
<p>Length Dependence of Ultrafast Optical Nonlinearities in Vertically Aligned Multiwalled Carbon Nanotube Films</p> <p>Authors (3): Elim, Hendry Izaac; Zhu, Yanwu; Sow, Chornng-Haur Published: 2016 in The Journal of Physical Chemistry C DOI: 10.1021/ACS.JPCC.6B03651 Accession Number: WOS:000381452000064</p>	11
<p>From Rubbish to a Large Scale Industry: A Simple Fabrication of Superfiber with Multitasking Applications</p> <p>Published: Nov 2015 in Journal of Environmental Science and Engineering B DOI: 10.17265/2162-5263/2015.11.007</p>	<div data-bbox="1289 1953 1469 2056" data-label="Text"> <p>Not indexed in the Web of Science</p> </div>

<p>A Novel Preparation of High-Refractive-Index and Highly Transparent Polymer Nanohybrid Composites Published: Sep 2011 in Applied Physics Express DOI: 10.1143/APEX.4.092601 Accession Number: WOS:000294673300018</p>	28
<p>Modified carbon nanotubes as broadband optical limiting nanomaterials Published: Mar 2011 in Journal of Materials Research DOI: 10.1557/JMR.2006.0338 Accession Number: WOS:000241843300005</p>	66
<p>A simple technique for studying Mie scattering behavior of nanohybrid polymer material Published: 2011 in Conference Program - MOC'11: Microoptics Conference</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; text-align: center;"> Not indexed in the Web of Science </div>
<p>Rayleigh scattering study and particle density determination of a high refractive index TiO₂ nanohybrid polymer Published: 2011 in Physical Chemistry Chemical Physics DOI: 10.1039/C0CP02052D Accession Number: WOS:000287584700035</p>	11
<p>An approach of high refractive index and highly transparent polymer nanocomposite fabrication Published: 2011 in Conference Program - MOC'11: Microoptics Conference</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; text-align: center;"> Not indexed in the Web of Science </div>
<p>Size- and concentration-dependent of Rayleigh scattering properties of titanium dioxide nanohybrid polymer Published: Aug 2010 in Proceedings of SPIE - The International Society for Optical Engineering DOI: 10.1117/12.863026 Accession Number: WOS:000285837800007</p>	0
<p>Refractive Index Control and Rayleigh Scattering Properties of Transparent TiO₂ Nanohybrid Polymer Published: Jul 2009 in The Journal of Physical Chemistry B DOI: 10.1021/JP902598F Accession Number: WOS:000268231000017</p>	71
<p>Nonlinear Optical Transmission Properties of C₆₀ Dyads Consisting of a Light-Harvesting Diphenylaminofluorene Antenna Published: Aug 2008 in The Journal of Physical Chemistry B DOI: 10.1021/JP8050356 Accession Number: WOS:000258290000002</p>	28
<p>Intensity-dependent enhancement of saturable absorption in PbS-Au₄ nanohybrid composites:: Evidence for resonant energy transfer by Auger recombination Authors (4): Elim, Hendry I.; Ji, Wei ... Lee, Jim Yang Published: Jun 2008 in Applied Physics Letters DOI: 10.1063/1.2952273 Accession Number: WOS:000257231200006</p>	21

<p>Large nonlinear optical properties of ternary quantum dots and nanorods Published: Sep 2007 in Proceedings of SPIE - The International Society for Optical Engineering DOI: 10.1117/12.730934 Accession Number: WOS:000251243200001</p>	1
<p>Study of the optical limiting properties of carbon-encapsulated magnetic nanoparticles Published: Aug 2007 in Chemical Physics Letters DOI: 10.1016/J.CPLETT.2007.06.125 Accession Number: WOS:000249115400021</p>	18
<p>New insights on the nanoparticle growth mechanism in the citrate reduction of Gold(III) salt: Formation of the au nanowire intermediate and its nonlinear optical properties Published: May 2007 in The Journal of Physical Chemistry C DOI: 10.1021/JPO68666O Accession Number: WOS:000245954900021</p>	254
<p>Optical limiting phenomena of carbon nanoparticles prepared by laser ablation in liquids Authors (7): Chen, G. X.; Hong, M. R. ... Ji, W. Published: Apr 2007 in Journal of Physics: Conference Series DOI: 10.1088/1742-6596/59/1/060 Accession Number: WOS:000249266200060</p>	14
<p>AgInSe₂ nanorods: A semiconducting material for saturable absorber Authors (4): Elim, Hendry I.; Ji, Wei ... Vittal, Jagadese J. Published: Jan 2007 in Applied Physics Letters DOI: 10.1063/1.2429030 Accession Number: WOS:000243582400072</p>	41
<p>Effect of liquid crystal concentration on the lasing properties of dye-doped holographic polymer-dispersed liquid crystal transmission gratings Authors (4): Liu, Y. J.; Sun, X. W. ... Ji, W. Published: Jan 2007 in Applied Physics Letters DOI: 10.1063/1.2426885 Accession Number: WOS:000243379900009</p>	107
<p>Large concentration-dependent nonlinear optical responses of starburst diphenylaminofluorencarbonyl methano[60]fullerene pentads Published: 2007 in Journal of Materials Chemistry DOI: 10.1039/B615697E Accession Number: WOS:000246694200021</p>	34
<p>Multiwalled carbon nanotubes for all-optical switching Published: Sep 2006 in Proceedings of SPIE - The International Society for Optical Engineering DOI: 10.1117/12.689181 Accession Number: WOS:000243327900057</p>	0

<p>Rational synthesis, self-assembly, and optical properties of PbS-Au heterogeneous nanostructures via preferential deposition Authors (5): Yang, Jian; Elim, Hendry Izaac ... Ji, Wei Published: Sep 2006 in Journal of the American Chemical Society DOI: 10.1021/JA062494R Accession Number: WOS:000240291900042</p>	230
<p>Gain narrowing and random lasing from dye-doped polymer-dispersed liquid crystals with nanoscale liquid crystal droplets Authors (4): Liu, Y. J.; Sun, X. W. ... Ji, W. Published: Jul 2006 in Applied Physics Letters DOI: 10.1063/1.2219988 Accession Number: WOS:000238849200011</p>	57
<p>Titania-PMMA nanohybrids of enhanced nanocrystallinity Authors (5): Yuwono, Akhmad Herman; Xue, Junmin ... Ji, Wei Published: Jul 2006 in Journal of Electroceramics DOI: 10.1007/S10832-006-9893-1 Accession Number: WOS:000241750700034</p>	27
<p>Multiwalled carbon nanotubes beaded with ZnO nanoparticles for ultrafast nonlinear optical switching Authors (11): Zhu, YW; Elim, HI ... Sow, CH Published: Mar 2006 in Advanced Materials DOI: 10.1002/ADMA.200501918 Accession Number: WOS:000236379200009</p>	225
<p>Observation of saturable and reverse-saturable absorption at longitudinal surface plasmon resonance in gold nanorods Authors (5): Elim, HI; Yang, J ... Ji, W Published: Feb 2006 in Applied Physics Letters DOI: 10.1063/1.2177366 Accession Number: WOS:000235553300065</p>	251
<p>Electronic and optical properties of nitrogen-doped multiwalled carbon nanotubes Published: 2006 in Physical Review B DOI: 10.1103/PHYSREVB.73.045402 Accession Number: WOS:000235009700100</p>	178
<p>Carrier concentration dependence of optical Kerr nonlinearity in indium tin oxide films Authors (3): Elim, HI; Ji, W; Zhu, F Published: 2006 in Applied Physics B DOI: 10.1007/S00340-005-2079-8 Accession Number: WOS:000235120200018</p>	28
<p>ZnO nanoparticles beaded multiwalled carbon nanotubes Authors (1): H.I. Elim, Ph.D Published: 2006 in NSTI Nanotechnology Conference and Expo, NSTI-Nanotech</p>	<div style="border: 1px solid black; background-color: #444; color: white; padding: 5px; text-align: center;"> Not indexed in the Web of Science </div>

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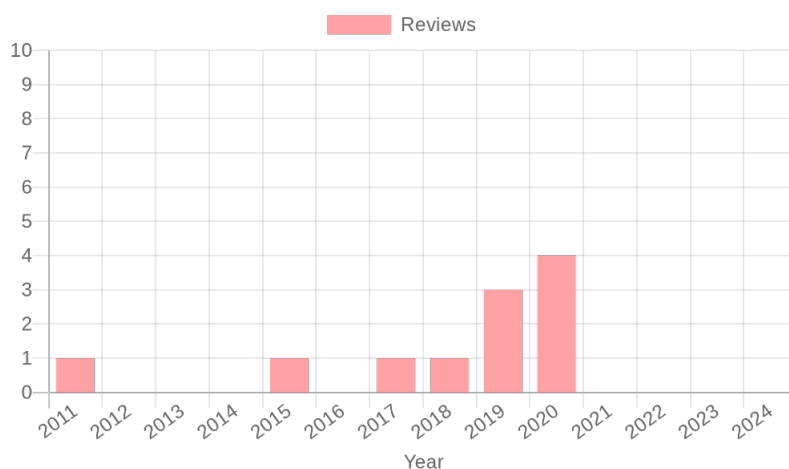
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Beamplot Summary

