

Enza Fazio

List of Publications by Year in descending order

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179
papers

3,771
citations

117453

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197535

49
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183
all docs

183
docs citations

183
times ranked

5061
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles Engineering by Pulsed Laser Ablation in Liquids: Concepts and Applications. <i>Nanomaterials</i> , 2020, 10, 2317.	1.9	140
2	One-pot conversion of furfural to useful bio-products in the presence of a Sn,Al-containing zeolite beta catalyst prepared via post-synthesis routes. <i>Journal of Catalysis</i> , 2015, 329, 522-537.	3.1	124
3	Simultaneous electrochemical determination of epinephrine and uric acid in the presence of ascorbic acid using SnO ₂ /graphene nanocomposite modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1412-1422.	4.0	99
4	Solid acids with SO ₃ H groups and tunable surface properties: versatile catalysts for biomass conversion. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11813-11824.	5.2	98
5	Integrated reduction and acid-catalysed conversion of furfural in alcohol medium using Zr,Al-containing ordered micro/mesoporous silicates. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 485-503.	10.8	93
6	Electrochemical sensor for simultaneous determination of ascorbic acid, uric acid and folic acid based on Mn-SnO ₂ nanoparticles modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 770, 23-32.	1.9	86
7	Detection of artificial cellulose microfibrils in Boops boops from the northern coasts of Sicily (Central Mediterranean). <i>Science of the Total Environment</i> , 2019, 691, 455-465.	3.9	79
8	Metal-Oxide Based Nanomaterials: Synthesis, Characterization and Their Applications in Electrical and Electrochemical Sensors. <i>Sensors</i> , 2021, 21, 2494.	2.1	79
9	Sm-doped cobalt ferrite nanoparticles: A novel sensing material for conductometric hydrogen leak sensor. <i>Ceramics International</i> , 2017, 43, 1029-1037.	2.3	69
10	ZnO:Ca nanopowders with enhanced CO ₂ sensing properties. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 255503.	1.3	68
11	Mesoporous carbon-silica solid acid catalysts for producing useful bio-products within the sugar-platform of biorefineries. <i>Green Chemistry</i> , 2014, 16, 4292-4305.	4.6	62
12	Plastics occurrence in juveniles of <i>Engraulis encrasicolus</i> and <i>Sardina pilchardus</i> in the Southern Tyrrhenian Sea. <i>Science of the Total Environment</i> , 2020, 718, 137457.	3.9	60
13	Development of a selective hydrogen leak sensor based on chemically doped SnO ₂ for automotive applications. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10645-10655.	3.8	57
14	Growth process of nanostructured silver films pulsed laser ablated in high-pressure inert gas. <i>Applied Surface Science</i> , 2009, 255, 9676-9679.	3.1	55
15	Iron oxide nanoparticles prepared by laser ablation: Synthesis, structural properties and antimicrobial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 490, 98-103.	2.3	53
16	The Role of Hydrogen Bonding in the Folding/Unfolding Process of Hydrated Lysozyme: A Review of Recent NMR and FTIR Results. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3825.	1.8	49
17	XPS study of interactions between linear carbon chains and colloidal Au nanoparticles. <i>Mendeleev Communications</i> , 2020, 30, 285-287.	0.6	48
18	On the hydrogen sensing mechanism of Pt/TiO ₂ /CNTs based devices. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 473-484.	4.0	46

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19	Ag nanocluster synthesis by laser ablation in Ar atmosphere: A plume dynamics analysis. <i>Laser and Particle Beams</i> , 2009, 27, 281-290.	0.4	44
20	Phage- AgNPs complex as SERS probe for U937 cell identification. <i>Biosensors and Bioelectronics</i> , 2015, 74, 398-405.	5.3	44
21	Laser processing of TiO_2 colloids for an enhanced photocatalytic water splitting activity. <i>Journal of Colloid and Interface Science</i> , 2017, 489, 131-137.	5.0	43
22	Flow cytometry and micro-Raman spectroscopy: Identification of hemocyte populations in the mussel <i>Mytilus galloprovincialis</i> (Bivalvia: Mytilidae) from Faro Lake and Tyrrhenian Sea (Sicily, Italy). <i>Fish and Shellfish Immunology</i> , 2019, 87, 1-8.	1.6	43
23	Modification of graphene oxide by laser irradiation: a new route to enhance antibacterial activity. <i>Nanotechnology</i> , 2016, 27, 245704.	1.3	42
24	Chemical Vapor Deposition Growth of Silicon Nanowires with Diameter Smaller Than 5 nm. <i>ACS Omega</i> , 2019, 4, 17967-17971.	1.6	42
25	Bio-hybrid gold nanoparticles as SERS probe for rapid bacteria cell identification. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117394.	2.0	42
26	Surface-enhanced Raman scattering of SnO_2 bulk material and colloidal solutions. <i>Physical Review B</i> , 2012, 85, .	1.1	41
27	Oxygen Functionalities Evolution in Thermally Treated Graphene Oxide Featured by EELS and DFT Calculations. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5408-5414.	1.5	40
28	Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine. <i>Journal of Electroanalytical Chemistry</i> , 2018, 814, 91-96.	1.9	40
29	Plastics occurrence in the gastrointestinal tract of <i>Zeus faber</i> and <i>Lepidopus caudatus</i> from the Tyrrhenian Sea. <i>Marine Pollution Bulletin</i> , 2019, 146, 408-416.	2.3	39
30	Chemical Modification of Graphene Oxide through Diazonium Chemistry and Its Influence on the Structure-Property Relationships of Graphene Oxide-Iron Oxide Nanocomposites. <i>Chemistry - A European Journal</i> , 2015, 21, 12465-12474.	1.7	38
31	Optical limiting effects in linear carbon chains. <i>Carbon</i> , 2011, 49, 306-310.	5.4	37
32	Modification of graphene oxide and graphene oxide- TiO_2 solutions by pulsed laser irradiation for dye removal from water. <i>Materials Science in Semiconductor Processing</i> , 2016, 42, 50-53.	1.9	37
33	Laser light triggered smart release of silibinin from a PEGylated-PLGA gold nanocomposite. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9023-9032.	2.9	35
34	SERS activity of pulsed laser ablated silver thin films with controlled nanostructure. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1298-1304.	1.2	34
35	Template Electrochemical Growth and Properties of Mo Oxide Nanostructures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22299-22308.	1.5	33
36	Optical and structural properties of pulsed laser ablation deposited ZnO thin film. <i>Applied Surface Science</i> , 2011, 257, 2298-2302.	3.1	32

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37	Engineering of carbon based nanomaterials by ring-opening reactions of a reactive azlactone graphene platform. <i>Chemical Communications</i> , 2015, 51, 4846-4849.	2.2	32
38	Atomic and electronic structures of stable linear carbon chains on Ag-nanoparticles. <i>Carbon</i> , 2018, 128, 296-301.	5.4	32
39	How the re-irradiation of a single ablation spot affects cavitation bubble dynamics and nanoparticles properties in laser ablation in liquids. <i>Applied Surface Science</i> , 2019, 473, 828-837.	3.1	32
40	Ag and Au nanoparticles for SERS substrates produced by pulsed laser ablation. <i>Crystal Research and Technology</i> , 2011, 46, 836-840.	0.6	31
41	Tuning the structural and optical properties of gold/silver nano-alloys prepared by laser ablation in liquids for optical limiting, ultra-sensitive spectroscopy, and optical trapping. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 2490-2498.	1.1	31
42	Phage-based assay for rapid detection of bacterial pathogens in blood by Raman spectroscopy. <i>Journal of Immunological Methods</i> , 2019, 465, 45-52.	0.6	31
43	Weibull Modeling of Controlled Drug Release from Ag-PMA Nanosystems. <i>Polymers</i> , 2021, 13, 2897.	2.0	30
44	Time resolved imaging studies of the plasma produced by laser ablation of silicon in O ₂ /Ar atmosphere. <i>Laser and Particle Beams</i> , 2005, 23, 149-153.	0.4	29
45	Repurposing of oxazolone chemistry: gaining access to functionalized graphene nanosheets in a top-down approach from graphite. <i>Chemical Science</i> , 2015, 6, 6961-6970.	3.7	28
46	ZnO nanostructures produced by laser ablation in water: Optical and structural properties. <i>Applied Surface Science</i> , 2013, 272, 30-35.	3.1	27
47	Covalently immobilized catalase on functionalized graphene: effect on the activity, immobilization efficiency, and tetramer stability. <i>Biomaterials Science</i> , 2018, 6, 3231-3240.	2.6	27
48	SERS Sensing Properties of New Graphene/Gold Nanocomposite. <i>Nanomaterials</i> , 2019, 9, 1236.	1.9	27
49	Plasmon sensing and enhancement of laser prepared silver colloidal nanoplates. <i>Applied Surface Science</i> , 2019, 475, 633-638.	3.1	25
50	Raman spectroscopy differentiates between sensitive and resistant multiple myeloma cell lines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 187, 15-22.	2.0	24
51	CO ₂ sensing properties of electro-spun Ca-doped ZnO fibres. <i>Nanotechnology</i> , 2018, 29, 305501.	1.3	24
52	Surface-enhanced Raman scattering study of organic pigments using silver and gold nanoparticles prepared by pulsed laser ablation. <i>Applied Surface Science</i> , 2013, 272, 36-41.	3.1	23
53	Nonlinear Scattering and Absorption Effects in Size-Selected Diphenylpolyynes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28812-28819.	1.5	23
54	Highly untangled multiwalled carbon nanotube@polyhedral oligomeric silsesquioxane ionic hybrids: Synthesis, characterization and nonlinear optical properties. <i>Carbon</i> , 2015, 86, 325-337.	5.4	23

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55	Aggregation States of A β 1-40, A β 1-42 and A β 3-42 Amyloid Beta Peptides: A SANS Study. International Journal of Molecular Sciences, 2019, 20, 4126.	1.8	23
56	Characterisation and H ₂ O ₂ sensing properties of TiO ₂ -CNTs/Pt electro-catalysts. Materials Chemistry and Physics, 2016, 170, 129-137.	2.0	22
57	Electrospun C/GeO ₂ paper-like electrodes for flexible Li-ion batteries. International Journal of Hydrogen Energy, 2017, 42, 28102-28112.	3.8	22
58	Are Electrospun Fibrous Membranes Relevant Electrode Materials for Li-ion Batteries? The Case of the C/Ge/GeO ₂ Composite Fibers. Advanced Functional Materials, 2018, 28, 1800938.	7.8	22
59	Evaluation of biological response induced by molybdenum oxide nanocolloids on in vitro cultured NIH/3T3 fibroblast cells by micro-Raman spectroscopy. Colloids and Surfaces B: Biointerfaces, 2018, 170, 233-241.	2.5	22
60	Passively Q-switched Yb-doped all-fiber laser based on Ag nanoplates as saturable absorber. Nanophotonics, 2020, 9, 3873-3880.	2.9	22
61	Biocompatible silver nanoparticles embedded in a PEG-PLA polymeric matrix for stimulated laser light drug release. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	21
62	Laser-Synthesized SERS Substrates as Sensors toward Therapeutic Drug Monitoring. Nanomaterials, 2019, 9, 677.	1.9	21
63	Electrochemical Sensing of Serotonin by a Modified MnO ₂ -Graphene Electrode. Biosensors, 2020, 10, 33.	2.3	21
64	Investigation of a nanocrystalline silicon phase embedded in SiO _x thin films grown by pulsed laser deposition. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 519.	1.6	20
65	Preparation of luminescent and optical limiting silicon nanostructures by nanosecond-pulsed laser ablation in liquids. Materials Chemistry and Physics, 2011, 130, 418-424.	2.0	20
66	The Stokes-Einstein relation in water/methanol solutions. Journal of Chemical Physics, 2019, 150, 234506.	1.2	20
67	Antimicrobial Effect and Cytotoxic Evaluation of Mg-Doped Hydroxyapatite Functionalized with Au-Nano Rods. Molecules, 2021, 26, 1099.	1.7	20
68	SERS activity of silver and gold nanostructured thin films deposited by pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2014, 117, 347-351.	1.1	19
69	Ammonia sensing properties of V-doped ZnO:Ca nanopowders prepared by sol-gel synthesis. Journal of Solid State Chemistry, 2015, 226, 192-200.	1.4	19
70	Are Electrospun Carbon/Metal Oxide Composite Fibers Relevant Electrode Materials for Li-Ion Batteries?. Journal of the Electrochemical Society, 2016, 163, A2930-A2937.	1.3	19
71	Self-assembly of silver nanoparticles and bacteriophage. Sensing and Bio-Sensing Research, 2016, 7, 146-152.	2.2	19
72	The effects of liquid environments on the optical properties of linear carbon chains prepared by laser ablation generated plasmas. Applied Surface Science, 2013, 272, 76-81.	3.1	18

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73	Remarks of an Extensive Investigation on the Microwave HEMT Behavior Under Illumination. IEEE Microwave and Wireless Components Letters, 2014, 24, 102-104.	2.0	18
74	Rapid detection of Pseudomonas aeruginosa by phage-capture system coupled with micro-Raman spectroscopy. Vibrational Spectroscopy, 2016, 86, 1-7.	1.2	18
75	Transition Metal Oxides on Reduced Graphene Oxide Nanocomposites: Evaluation of Physicochemical Properties. Journal of Nanomaterials, 2019, 2019, 1-9.	1.5	18
76	Acrylate and Methacrylate Polymersâ€™ Applications: Second Life with Inexpensive and Sustainable Recycling Approaches. Materials, 2022, 15, 282.	1.3	18
77	Nonlinear optical effects from Au nanoparticles prepared by laser plasmas in water. Applied Surface Science, 2013, 272, 88-93.	3.1	17
78	A safer and flexible method for the oxygen functionalization of carbon nanotubes by nitric acid vapors. Applied Surface Science, 2014, 303, 446-455.	3.1	17
79	Silibinin-conjugated graphene nanoplateform: Synthesis, characterization and biological evaluation. FlatChem, 2017, 1, 34-41.	2.8	17
80	PEG-PLGA electrospun nanofibrous membranes loaded with Au@Fe ₂ O ₃ nanoparticles for drug delivery applications. Frontiers of Physics, 2018, 13, 1.	2.4	17
81	Pulsed laser deposition of boron nitride thin films. Radiation Effects and Defects in Solids, 2008, 163, 293-298.	0.4	16
82	Growth Kinetics and Sensing Features of Colloidal Silver Nanoplates. Journal of Nanomaterials, 2019, 2019, 1-8.	1.5	16
83	Nonlinear Optical Properties of Ag Nanoplates Plasmon Resonance and Applications in Ultrafast Photonics. Journal of Lightwave Technology, 2021, 39, 2084-2090.	2.7	16
84	Synthesis and physico-chemical characterization of Au/TiO ₂ nanostructures formed by novel "cold" and "hot" nanosoldering of Au and TiO ₂ nanoparticles dispersed in water. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 392, 171-177.	2.3	15
85	Raman spectroscopy of organic dyes adsorbed on pulsed laser deposited silver thin films. Applied Surface Science, 2013, 278, 259-264.	3.1	15
86	Laser Controlled Synthesis of Noble Metal Nanoparticle Arrays for Low Concentration Molecule Recognition. Micromachines, 2014, 5, 1296-1309.	1.4	15
87	Correlation between structural and electrical properties of PLD prepared ZnO thin films used as a photodetector material. Applied Surface Science, 2015, 359, 266-271.	3.1	15
88	Carbon nanocrystals produced by pulsed laser ablation of carbon. Radiation Effects and Defects in Solids, 2005, 160, 655-662.	0.4	14
89	Influence of the plasma expansion dynamics on the structural properties of pulsed laser ablation deposited tin oxide thin films. Thin Solid Films, 2010, 518, 5409-5415.	0.8	14
90	Crystallization of implanted amorphous silicon during millisecond annealing by infrared laser irradiation. Applied Physics Letters, 2010, 97, .	1.5	14

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91	Enhanced nonlinear optical response of linear carbon chain colloid mixed with silver nanoparticles. <i>Optics Communications</i> , 2012, 285, 2942-2946.	1.0	14
92	Structural and optical properties of pulsed laser deposited ZnO thin films. <i>Current Applied Physics</i> , 2013, 13, 710-716.	1.1	14
93	Modelling of the optical absorption spectra of PLAL prepared ZnO colloids. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 124, 86-93.	1.1	14
94	On the role of the ablated mass on the propagation of a laser-generated plasma in an ambient gas. <i>Europhysics Letters</i> , 2015, 109, 25002.	0.7	14
95	Origin of the different behavior of some platinum decorated nanocarbons towards the electrochemical oxidation of hydrogen peroxide. <i>Materials Chemistry and Physics</i> , 2016, 184, 269-278.	2.0	14
96	Tuning the aggregation of an amphiphilic anionic calix[5]arene by selective host-guest interactions with bola-type dicationic. <i>New Journal of Chemistry</i> , 2019, 43, 7628-7635.	1.4	14
97	Plasmon-Enhanced Controlled Drug Release from Ag-PMA Capsules. <i>Molecules</i> , 2020, 25, 2267.	1.7	14
98	Specific Heat and Transport Functions of Water. <i>International Journal of Molecular Sciences</i> , 2020, 21, 622.	1.8	14
99	Hydrophilicity and hydrophobicity: Key aspects for biomedical and technological purposes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 580, 126189.	1.2	14
100	A new approach to the synthesis of titania nano-powders enriched with very high contents of carbon nanotubes by electro-spinning. <i>Materials Chemistry and Physics</i> , 2015, 153, 338-345.	2.0	13
101	Bi_2O_3 reduction by laser irradiation in a liquid environment. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 10292-10301.	1.3	13
102	Low cost tips for tip-enhanced Raman spectroscopy fabricated by two-step electrochemical etching of 125 μm diameter gold wires. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2718-2729.	1.5	13
103	Some considerations on the water polymorphism and the liquid-liquid transition by the density behavior in the liquid phase. <i>Journal of Chemical Physics</i> , 2019, 151, 044504.	1.2	13
104	Nanostructured silver thin films deposited by pulsed laser ablation. <i>Radiation Effects and Defects in Solids</i> , 2008, 163, 673-683.	0.4	12
105	Stabilization of Titanium Dioxide Nanoparticles at the Surface of Carbon Nanomaterials Promoted by Microwave Heating. <i>Chemistry - A European Journal</i> , 2015, 21, 14901-14910.	1.7	12
106	A micro-Raman spectroscopic investigation of leukemic U-937 cells in aged cultures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 21-29.	2.0	12
107	Pervasive infiltration and multi-branch chemisorption of N-719 molecules into newly designed spongy TiO_2 layers deposited by gig-lox sputtering processes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25529-25538.	5.2	12
108	Synthesis, characterization and hydrogen sensing properties of nanosized colloidal rhodium oxides prepared by Pulsed Laser Ablation in water. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 79-85.	4.0	11

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109	Thermally Activated Noble Metal Nanoparticles Incorporated in Electrospun Fiber-based Drug Delivery Systems. <i>Current Nanomaterials</i> , 2019, 4, 21-31.	0.2	11
110	NMR in Metabolomics: From Conventional Statistics to Machine Learning and Neural Network Approaches. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2824.	1.3	11
111	Influence of the deposition parameters on the electronic and structural properties of pulsed laser ablation prepared Si _{1-x} C _x thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007, 25, 117-125.	0.9	10
112	Structural properties of pulsed laser deposited SnO _x thin films. <i>Applied Surface Science</i> , 2011, 257, 2520-2525.	3.1	10
113	Correlation between carbon nanotube microstructure and their catalytic efficiency towards the p-coumaric acid degradation. <i>Current Applied Physics</i> , 2013, 13, 748-752.	1.1	10
114	On the influence of the mass ablated by a laser pulse on thin film morphology and optical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 137-142.	1.1	10
115	On the Optical Properties of Ag@Au Colloidal Alloys Pulsed Laser Ablated in Liquid: Experiments and Theory. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24930-24939.	1.5	10
116	Crystallization of Deposited Amorphous Silicon by Infrared Laser Irradiation. <i>Journal of the Electrochemical Society</i> , 2011, 158, H25.	1.3	9
117	Controlled Al ³⁺ Incorporation in the ZnO Lattice at 188 °C by Soft Reactive Co-Sputtering for Transparent Conductive Oxides. <i>Energies</i> , 2016, 9, 433.	1.6	9
118	Surface Plasmon Resonance Dependent Third-Order Optical Nonlinearities of Silver Nanoplates. <i>Photonics</i> , 2021, 8, 299.	0.9	9
119	The catalytic role of platinum nanoparticles in laser generated nanocarbons. <i>Applied Surface Science</i> , 2021, 558, 149890.	3.1	9
120	Electronic properties of PLD prepared nitrogenated a-SiC thin films. <i>Thin Solid Films</i> , 2003, 433, 34-38.	0.8	8
121	Enhanced optical response of ZnO/Ag nanocolloids prepared by a picosecond laser. <i>Journal of Luminescence</i> , 2016, 178, 204-209.	1.5	8
122	Hydrophilic and hydrophobic competition in water-methanol solutions. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	8
123	Structural characterization of pulsed laser deposited poly(methylmethacrylate) thin films. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 182-185.	1.2	7
124	Zinc oxide nanocolloids prepared by picosecond pulsed laser ablation in water at different temperatures. <i>EPJ Web of Conferences</i> , 2018, 167, 04008.	0.1	7
125	Study on the Physico-Chemical Properties of the Si Nanowires Surface. <i>Nanomaterials</i> , 2019, 9, 818.	1.9	7
126	Paper aging and degradation monitoring by the non-destructive two-dimensional micro-Raman mapping. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117660.	2.0	7

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127	Laser-Mediated Nanoparticle Synthesis and Self-Assembling. Springer Series in Materials Science, 2014, , 175-212.	0.4	7
128	Raman scattering study of evaporated carbon nanostructured films. Journal of Raman Spectroscopy, 2008, 39, 153-156.	1.2	6
129	Molybdenum oxide nanocolloids prepared by an external field-assisted laser ablation in water. EPJ Web of Conferences, 2018, 167, 04009.	0.1	6
130	Allergic contact dermatitis due to Zantedeschia aethiopica. Contact Dermatitis, 2007, 56, 46-47.	0.8	5
131	Porous aluminum room temperature anodizing process in a fluorinated-oxalic acid solution. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	5
132	Novel Luminescent Ionic Adducts Based on Pyrene-1-sulfonate. ACS Omega, 2018, 3, 18811-18820.	1.6	5
133	SERS sensing of perampanel with nanostructured arrays of gold particles produced by pulsed laser ablation in water. Medical Devices & Sensors, 2018, 1, e10003.	2.7	5
134	A study of the hydrogen bonds effect on the water density and the liquid-liquid transition. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	5
135	Gaussian Parameters Correlate with the Spread of COVID-19 Pandemic: The Italian Case. Applied Sciences (Switzerland), 2021, 11, 6119.	1.3	5
136	Dynamics of a pulsed laser generated tin plasma expanding in an oxygen atmosphere. Radiation Effects and Defects in Solids, 2005, 160, 647-653.	0.4	4
137	Microstructure of anatase-based hybrid nanocomposites. Journal Physics D: Applied Physics, 2013, 46, 125303.	1.3	4
138	Laser generated Ge ions accelerated by additional electrostatic field for implantation technology. Applied Surface Science, 2013, 272, 109-113.	3.1	4
139	Low-energy laser irradiation promotes cellular damage in glucocorticoid-resistant multiple myeloma cells. Leukemia and Lymphoma, 2015, 56, 1514-1516.	0.6	4
140	Electrical properties and oxygen functionalities in ethanol-treated and thermally modified graphene oxide. Journal of Applied Physics, 2017, 121, 155105.	1.1	4
141	Electrospun Ag/PMA Nanofibrous Scaffold as a Drug Delivery System. Current Nanomaterials, 2019, 4, 32-38.	0.2	4
142	SANS study of Amyloid overflow="scroll" id="d1e303" altimg="si64.gif" < mml:msub < mml:mrow < mml:mi>î²</mml:mi> </mml:mrow> < mml:mrow < mml:mn>1</mml:mn> < mml:mo>âˆ²</mml:mo> Unfolded monomers in DMSO, multidimensional aggregates in water medium. Physica A: Statistical Mechanics and Its Applications, 2019, 517, 385-391.		
143	Shedding Light on the Chemistry and the Properties of MÃ¼nchnone Functionalized Graphene. Nanomaterials, 2021, 11, 1629.	1.9	4
144	A multivariate analysis of Multiple Myeloma subtype plasma cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 258, 119813.	2.0	4

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145	An investigation of the electronic and structural properties of pulsed laser-deposited a-C films. <i>Thin Solid Films</i> , 2001, 398-399, 233-237.	0.8	3
146	Laser Ablation-Deposited CN x Thin Films. , 0, , 287-302.		3
147	Nitrogen Bonding Configurations of SiO _x N _y Thin Films in Power MOSFET Gate Interfaces. <i>Journal of the Electrochemical Society</i> , 2008, 155, G1.	1.3	3
148	Atomically resolved surface structures of vapor deposited amorphous silicon-carbon alloys: An atomic force microscopy and spectroscopic study. <i>Thin Solid Films</i> , 2011, 519, 3141-3145.	0.8	3
149	Sensitization of nanocrystalline TiO ₂ with 3,4,9,10-perylene tetracarboxylic acid. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	3
150	Efficacy of Xyloglucan against <i>Escherichia coli</i> ; Extraintestinal Urinary Tract Infection: An in vivo Study. <i>Microbial Physiology</i> , 2020, 30, 50-60.	1.1	3
151	N-TiO _{2-x} Nanocatalysts: PLAL Synthesis and Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-10.	1.5	3
152	X-ray Photoelectron Spectra of Ag-Au Colloidal Nanoparticles after Interaction with Linear Carbon Chains. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 685.	1.3	3
153	Phage-Phenotype Imaging of Myeloma Plasma Cells by Phage Display. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7910.	1.3	3
154	Reoxidation Process Effects on the Nitrogen Bonding Configurations in SiO _x N _y Power MOSFET Dielectric Gate. <i>Journal of the Electrochemical Society</i> , 2008, 155, G134.	1.3	2
155	Laser produced streams of Ge ions accelerated and optimized in the electric fields for implantation into SiO ₂ substrates. <i>Review of Scientific Instruments</i> , 2012, 83, 02B305.	0.6	2
156	Phage display as a tool for rapid in vitro cell characterization by fluorescence imaging and Raman spectroscopy. <i>New Biotechnology</i> , 2014, 31, S107.	2.4	2
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