

# N Smijesh

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

306  
citations

933264

10  
h-index

839398

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-dependent optical properties of Au nanorods. Progress in Natural Science: Materials International, 2013, 23, 36-43.	1.8	61
2	Organic dye impregnated poly(vinyl alcohol) nanocomposite as an efficient optical limiter: structure, morphology and photophysical properties. Journal of Materials Chemistry C, 2013, 1, 3851.	2.7	55
3	Two-photon absorption and optical limiting in trithiourea cadmium sulphate. Chemical Physics Letters, 2010, 486, 80-83.	1.2	34
4	Emission dynamics of an expanding ultrafast-laser produced Zn plasma under different ambient pressures. Journal of Applied Physics, 2013, 114, .	1.1	30
5	Synthesis, characterization and nonlinear optical properties of 2-[(E)-2-(4-ethoxyphenyl)ethenyl]-1-methylquinolinium 4-substitutedbenzenesulfonate compounds. Synthetic Metals, 2010, 160, 819-824.	2.1	19
6	Optical emission and dynamics of aluminum plasmas produced by ultrashort and short laser pulses. Journal of Analytical Atomic Spectrometry, 2017, 32, 1177-1185.	1.6	18
7	Contrast improvement of sub-400fs laser pulses using nonlinear elliptical polarization rotation. Optics Letters, 2019, 44, 4028.	1.7	17
8	Plasma plumes produced by laser ablation of Al with single and double pulse schemes. Optics Letters, 2018, 43, 6081.	1.7	14
9	Time of flight emission spectroscopy of laser produced nickel plasma: Short-pulse and ultrafast excitations. Journal of Applied Physics, 2014, 116, .	1.1	12
10	Acceleration of neutrals in a nanosecond laser produced nickel plasma. Physics of Plasmas, 2014, 21, .	0.7	11
11	Ultrafast laser produced zinc plasma: Stark broadening of emission lines in nitrogen ambient. Physics of Plasmas, 2016, 23, 043503.	0.7	9
12	Influence of pulse width on the laser ablation of zinc in nitrogen ambient. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	6
13	Spatio-temporal optimization of a laser produced Al-plasma: Generation of highly ionized species. Physics of Plasmas, 2016, 23, .	0.7	5
14	Non-linear optical properties of composite naphthalocyanine thin films with nanocrystalline morphology. Materials Letters, 2012, 89, 188-190.	1.3	4
15	Dynamics of neutrals and ions in an ultrafast laser produced Zn plasma. Physics of Plasmas, 2015, 22, .	0.7	4
16	Effect of double pulse laser irradiation on the dynamics of picosecond laser-produced plasma. Physics of Plasmas, 2020, 27, .	0.7	3
17	Electrochemical and Nonlinear Optical Studies of New D <sup>π</sup> A Type $\pi$ -Conjugated Polymers Carrying 3,4-Benzyloxythiophene, Oxadiazole, and 3,4-Alkoxythiophene Systems. Chemistry Letters, 2012, 41, 234-236.	0.7	2
18	Indigo Carmine Dye-Polymer Nanocomposite Films For Optical Limiting Applications. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	Time-resolved optical emission spectroscopic studies of picosecond laser produced Cr plasma. Physics of Plasmas, 2018, 25, 063505.	0.7	1
20	Thermal diffusivity measurements of dental resin using photoacoustic effect. , 2007, , .		0
21	An Easy Technique for Focus Characterization and Optimization of XUV and Soft X-ray Pulses. Applied Sciences (Switzerland), 2022, 12, 5652.	1.3	0