

Mohammad Nadimi

List of Publications by Year in descending order

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840776

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#	ARTICLE	IF	CITATIONS
1	High power and beam quality continuous-wave Nd:GdVO ₄ laser in-band diode-pumped at 912 nm. Photonics Research, 2017, 5, 346.	7.0	49
2	Thermal lensing in Nd:GdVO ₄ laser with direct in-band pumping at 912 nm. Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	47
3	Discrete multi-wavelength tuning of a continuous wave diode-pumped Nd:GdVO ₄ laser. Laser Physics Letters, 2018, 15, 055002.	1.4	41
4	Continuous-wave dual-wavelength operation of a diode-pumped Nd:GdVO ₄ laser at the 1063 & 1071 nm, 1063 & 1083 nm and 1083 & 1086 nm wavelength pairs. Laser Physics, 2018, 28, 095001.	1.3	40
5	Passively mode-locked high power Nd:GdVO ₄ laser with direct in-band pumping at 912 nm. Laser Physics Letters, 2018, 15, 015001.	1.4	29
6	Recent applications of novel laser techniques for enhancing agricultural production. Laser Physics, 2021, 31, 053001.	1.2	29
7	Non-Destructive Estimation of Physicochemical Properties and Detection of Ripeness Level of Apples Using Machine Vision. International Journal of Fruit Science, 2022, 22, 628-645.	2.4	21
8	Assessment of mechanical damage to flaxseeds using radiographic imaging and tomography. Smart Agricultural Technology, 2022, 2, 100057.	5.4	20
9	A unified heuristic approach to simultaneously detect fusarium and ergot damage in wheat. Measurement Food, 2022, 7, 100043.	1.6	17
10	Efficient continuous-wave Nd:YLF laser in-band diode-pumped at 908 nm and its thermal lensing. Laser Physics Letters, 2019, 16, 125002.	1.4	14
11	Effect of Laser Biostimulation on Germination of Wheat. Applied Engineering in Agriculture, 2022, 38, 77-84.	0.7	13
12	Continuous-wave dual-wavelength operation of the in-band diode-pumped Nd:GdVO ₄ /Nd:YVO ₄ composite laser with controllable spectral power ratio. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	12
13	High power Nd:YVO-KGW conical refraction laser. , 2019, , .		2
14	Continuous-wave Nd:YLF laser diode-pumped at 908 nm. , 2019, , .		0
15	Thermal lensing in Nd:GdVO ₄ laser with 912 nm diode pumping. , 2019, , .		0
16	Efficient composite Nd:YVO/Nd:GVO laser with in-band pumping. , 2020, , .		0
17	Development of a continuous-wave Nd:YAP laser with low quantum defect pumping at 910 nm. , 2022, , .		0