Jan-Peter Meyn

List of Publications by Year
in descending order

24	356	840776 11	794594 19
papers	citations	h-index	g-index

28	28	28	203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-frequency continuous-wave optical parametric oscillator system with an ultrawide tuning range of 550 to 2830 nm. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 1419.	2.1	69
2	Singly resonant continuous-wave optical parametric oscillator pumped by a diode laser. Optics Letters, 1999, 24, 1142.	3.3	51
3	Diode-pumped continuous-wave widely tunable optical parametric oscillator based on periodically poled lithium tantalate. Optics Letters, 1998, 23, 831.	3.3	38
4	A 180 mW Nd:LaSc3(BO3)4 single-frequency TEM00 microchip laser pumped by an injection-locked diode-laser array. Applied Physics B: Lasers and Optics, 1994, 58, 381-388.	2.2	24
5	A new teaching concept on quantum physics in secondary schools. Physics Education, 2020, 55, 055031.	0.5	21
6	Self-injection-locking of a CW-OPO by intracavity frequency-doubling the idler wave. Optics Express, 1999, 5, 114.	3.4	20
7	Demonstrating quantum random with single photons. European Journal of Physics, 2009, 30, 1189-1200.	0.6	20
8	Interactive screen experiments with single photons. European Journal of Physics, 2009, 30, 345-353.	0.6	19
9	Colour mixing based on daylight. European Journal of Physics, 2008, 29, 1017-1031.	0.6	17
10	Wide wavelength tuning of an optical parametric oscillator through electro-optic shaping of the gain spectrum. Optics Letters, 2002, 27, 1433.	3.3	16
11	Electro-optic modification of second-harmonic phase-matching spectra in segmented periodically poled LiNbO_3. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 280.	2.1	12
12	Tunable blue laser based on intracavity frequency doubling with a fan-structured periodically poled LiTaO_3 crystal. Optics Letters, 2002, 27, 604.	3.3	11
13	Phase-coherent all-optical frequency division by three. Physical Review A, 2003, 67, .	2.5	9
14	A safe and effective modification of Thomsonâ€™s jumping ring experiment. European Journal of Physics, 2012, 33, 1625-1634.	0.6	7
15	Quantum physics â‰ quantum physics. A survey of researchersâ€™ associations. Physics Education, 2021, 56, 065031.	0.5	6
16	The kinematic advantage of electric cars. European Journal of Physics, 2015, 36, 065037.	0.6	4
17	All-optical frequency-by-three division with a diode-laser-pumped cw OPO using PPLN. , 2000, 3928, 25.		3
18	Musician's and physicist's view on tuning keyboard instruments. European Journal of Physics, 2007, 28, 23-35.	0.6	3

#	Article	IF	Citations
19	An ultra-capacitor-based current source for magnetic field demonstration. European Journal of Physics, 2010, 31, L9-L12.	0.6	1
20	Quantitative analysis of a wind energy conversion model. European Journal of Physics, 2015, 36, 025014.	0.6	1
21	Demonstrating the Barkhausen effect with high signal-to-noise ratio. European Journal of Physics, 2017, 38, 045502.	0.6	1
22	Fostering experimental competences of prospective physics teachers. Physics Education, 2021, 56, 045020.	0.5	1
23	Renewable energy sources in terms of entropy. European Journal of Physics, 2011, 32, 185-200.	0.6	0
24	Neodymium doped SrLaAlO4. A new promising crystal for laser application. European Physical Journal Special Topics, 1994, 04, C4-561-C4-564.	0.2	0