

Davide Gatti

List of Publications by Year in descending order

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191
papers

5,705
citations

61984

43
h-index

102487

66
g-index

196
all docs

196
docs citations

196
times ranked

5724
citing authors

#	ARTICLE	IF	CITATIONS
1	Bending modes metrology in the 12-15 Åµm region. , 2021, , .		0
2	Beat-Frequency-Operated Dielectric-Barrier Discharge Plasma Actuators for Virtual Wall Oscillations. AIAA Journal, 2021, 59, 763-767.	2.6	8
3	Coupled simulation of flow-induced viscous and elastic anisotropy of short-fiber reinforced composites. Acta Mechanica, 2021, 232, 2249-2268.	2.1	11
4	Bending modes metrology beyond 12 Î¼m. , 2021, , .		0
5	Pharmacodynamics of Oral Cholecalciferol in Healthy Individuals with Vitamin D Deficiency: A Randomized Open-Label Study. Nutrients, 2021, 13, 2293.	4.1	2
6	Laser-Based Primary Thermometry: A Review. Journal of Physical and Chemical Reference Data, 2021, 50, .	4.2	5
7	Multispectrum Rotational States Distribution Thermometry. , 2021, , .		0
8	Comb-referenced Stimulated Raman Spectrometer: Application to the Collisional Physics of H2. , 2021, , .		0
9	Multispectrum Rotational States Distribution Thermometer. , 2021, , .		0
10	Comb-calibrated Spectroscopy in the 12â€“15 m Region. , 2021, , .		0
11	Efficacy of mud plus bath therapy as compared to bath therapy in osteoarthritis of hands and knees: a pilot single-blinded randomized controlled trial. Reumatismo, 2021, 73, .	0.9	2
12	Non-dimensional characteristics of open wet clutches for advanced drag torque and aeration predictions. Tribology International, 2020, 152, 106442.	5.9	10
13	Objective barriers to the transport of dynamically active vector fields. Journal of Fluid Mechanics, 2020, 905, .	3.4	15
14	Optical frequency metrology in the bending modes region. Communications Physics, 2020, 3, .	5.3	11
15	Could Previous Exposure to Nitrogenâ€“Containing Bisphosphonates Mitigate Friendly Fire?. Journal of Bone and Mineral Research, 2020, 35, 2082-2082.	2.8	2
16	Pharmacokinetics of Oral Cholecalciferol in Healthy Subjects with Vitamin D Deficiency: A Randomized Open-Label Study. Nutrients, 2020, 12, 1553.	4.1	29
17	Accurate deuterium spectroscopy and comparison with <i>ab initio</i> calculations. Physical Review A, 2020, 101, .	2.5	6
18	Aerodynamic Effects of Uniform Blowing and Suction on a NACA4412 Airfoil. Flow, Turbulence and Combustion, 2020, 105, 735-759.	2.6	35

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19	Virtual wall oscillations forced by a DBD plasma actuator operating under beat frequency - a concept for turbulent drag reduction. , 2020, , .		4
20	Structure function tensor equations in inhomogeneous turbulence. Journal of Fluid Mechanics, 2020, 898, .	3.4	23
21	Comb-locked frequency-swept synthesizer for high precision broadband spectroscopy. Scientific Reports, 2020, 10, 2523.	3.3	18
22	Vitamin D supplementation: much ado about nothing. Gynecological Endocrinology, 2020, 36, 185-189.	1.7	6
23	On the stages of vortex decay in an impulsively stopped, rotating cylinder. Journal of Fluid Mechanics, 2020, 885, .	3.4	5
24	Do riblets exhibit fully rough behaviour?. Experiments in Fluids, 2020, 61, 1.	2.4	15
25	Multispectrum rotational states distribution thermometry: application to the $3\frac{1}{2} + \frac{1}{2}$ band of carbon dioxide. New Journal of Physics, 2020, 22, 083071.	2.9	5
26	Nonlinear pulse compression to 22 fs at 15.6 μm by an all-solid-state multipass approach. Optics Express, 2020, 28, 4541.	3.4	22
27	Effects of Different Friction Control Techniques on Turbulence Developing Around Wings. ERCOFTAC Series, 2020, , 305-311.	0.1	0
28	Acute Phase Reaction and Fracture Risk Reduction: Are Gamma-Delta T Cells and Hypovitaminosis D the Missing Link?. Journal of Bone and Mineral Research, 2020, 37, 1622-1622.	2.8	2
29	Quantification of amplitude modulation in wall-bounded turbulence. Fluid Dynamics Research, 2019, 51, 011408.	1.3	40
30	Stimulated Raman Spectroscopy of H ₂ with Absolute Frequency Calibration. , 2019, , .		0
31	A 12.6 μm Mid-IR Source Based on Difference Frequency Generation in Orientation-Patterned GaAs. , 2019, , .		0
32	An efficient numerical method for the generalised Kolmogorov equation. Journal of Turbulence, 2019, 20, 457-480.	1.4	8
33	Stokes-layer formation under absence of moving parts – A novel oscillatory plasma actuator design for turbulent drag reduction. Physics of Fluids, 2019, 31, .	4.0	38
34	Comb-calibrated sub-Doppler spectroscopy with an external-cavity quantum cascade laser at 77 μm . Optics Express, 2019, 27, 23785.	3.4	6
35	Spectroscopy With Frequency Comb-Locked Optical Swept Synthesizer. , 2019, , .		1
36	Production, Transport and Dissipation of Turbulent Stresses Across Scales and Space. Springer Proceedings in Physics, 2019, , 119-124.	0.2	0

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37	Cavity-ring-down Doppler-broadening primary thermometry. <i>Physical Review A</i> , 2018, 97, .	2.5	17
38	Predicting Turbulent Spectra in Drag-reduced Flows. <i>Flow, Turbulence and Combustion</i> , 2018, 100, 1081-1099.	2.6	6
39	Absolute spectroscopy near 7.8 μ m with a comb-locked extended-cavity quantum-cascade-laser. <i>Scientific Reports</i> , 2018, 8, 1292.	3.3	17
40	High accuracy line positions of the ν_2 1 fundamental band of $^{14}\text{N}_2^{16}\text{O}$. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 211, 172-178.	2.3	25
41	Global energy fluxes in turbulent channels with flow control. <i>Journal of Fluid Mechanics</i> , 2018, 857, 345-373.	3.4	19
42	Conjugating precision and acquisition time in a Doppler broadening regime by interleaved frequency-agile rapid-scanning cavity ring-down spectroscopy. <i>Journal of Chemical Physics</i> , 2017, 147, 134201.	3.0	11
43	Turbulent Duct Flow Controlled with Spanwise Wall Oscillations. <i>Flow, Turbulence and Combustion</i> , 2017, 99, 787-806.	2.6	12
44	The Association between Weight Gain/Restoration and Bone Mineral Density in Adolescents with Anorexia Nervosa: A Systematic Review. <i>Nutrients</i> , 2016, 8, 769.	4.1	35
45	Prevalence and Factors Associated with Subclinical Left Ventricular Systolic Dysfunction Evaluated by Mid-Wall Mechanics in Rheumatoid Arthritis. <i>Echocardiography</i> , 2016, 33, 1290-1299.	0.9	7
46	Serum Levels of Tryptase Suggest That Mast Cells Might Have an Antiinflammatory Role in Rheumatoid Arthritis: Comment on the Article by Rivellese et al. <i>Arthritis and Rheumatology</i> , 2016, 68, 769-769.	5.6	9
47	Reynolds-number dependence of turbulent skin-friction drag reduction induced by spanwise forcing. <i>Journal of Fluid Mechanics</i> , 2016, 802, 553-582.	3.4	97
48	Turbulent Skin-Friction Drag Reduction at High Reynolds Numbers. , 2016, , 389-398.		1
49	Sub-MHz accuracy measurement of the S(2) ν_2 transition frequency of D ₂ by Comb-Assisted Cavity Ring Down spectroscopy. <i>Journal of Molecular Spectroscopy</i> , 2016, 326, 5-8.	1.2	48
50	Management of patients with complex regional pain syndrome type I. <i>Osteoporosis International</i> , 2016, 27, 2423-2431.	3.1	11
51	Scanning micro-resonator direct-comb absolute spectroscopy. <i>Scientific Reports</i> , 2016, 6, 35541.	3.3	12
52	Higher Level of Dickkopf-1 is Associated with Low Bone Mineral Density and Higher Prevalence of Vertebral Fractures in Patients with Ankylosing Spondylitis. <i>Calcified Tissue International</i> , 2016, 98, 438-445.	3.1	46
53	Short-Term Effects of TNF Inhibitors on Bone Turnover Markers and Bone Mineral Density in Rheumatoid Arthritis. <i>Calcified Tissue International</i> , 2016, 98, 580-585.	3.1	21
54	Prevalence, pathogenesis, and treatment options for mastocytosis-related osteoporosis. <i>Osteoporosis International</i> , 2016, 27, 2411-2421.	3.1	61

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55	Combined Circumferential and Longitudinal Left Ventricular Systolic Dysfunction in Patients with Rheumatoid Arthritis without Overt Cardiac Disease. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 689-698.	2.8	17
56	Bone Metabolism in a Large Cohort of Patients with Systemic Sclerosis. <i>Calcified Tissue International</i> , 2016, 99, 23-29.	3.1	19
57	Safety issues and adverse reactions with osteoporosis management. <i>Expert Opinion on Drug Safety</i> , 2016, 15, 321-332.	2.4	50
58	Focal bone involvement in inflammatory arthritis: the role of IL17. <i>Rheumatology International</i> , 2016, 36, 469-482.	3.0	40
59	Effects of denosumab on peripheral lymphocyte subpopulations. <i>Endocrine</i> , 2016, 53, 857-859.	2.3	9
60	Comb-locked Lamb-dip spectrometer. <i>Scientific Reports</i> , 2016, 6, 27183.	3.3	32
61	Scanning micro-resonator direct-comb spectroscopy. , 2016, , .		0
62	Non-Hermitian transparency and one-way transport in low-dimensional lattices by an imaginary gauge field. <i>Physical Review B</i> , 2015, 92, .	3.2	115
63	Robust light transport in non-Hermitian photonic lattices. <i>Scientific Reports</i> , 2015, 5, 13376.	3.3	187
64	Frequency-comb-assisted precision laser spectroscopy of CHF3 around 8.6 μm . <i>Journal of Chemical Physics</i> , 2015, 143, 234202.	3.0	9
65	Prevalence and factors related to inappropriately high left ventricular mass in patients with rheumatoid arthritis without overt cardiac disease. <i>Journal of Hypertension</i> , 2015, 33, 2141-2149.	0.5	15
66	Wide-bandwidth Pound-Drever-Hall locking through a single-sideband modulator. <i>Optics Letters</i> , 2015, 40, 5176.	3.3	18
67	Effects of intra-articular clodronate in the treatment of knee osteoarthritis: results of a double-blind, randomized placebo-controlled trial. <i>Rheumatology International</i> , 2015, 35, 255-263.	3.0	34
68	Bisphosphonates in the treatment of glucocorticoid-induced osteoporosis: pros. <i>Endocrine</i> , 2015, 49, 620-627.	2.3	14
69	Adults with Prader-Willi Syndrome have Weaker Bones: Effect of Treatment with GH and Sex Steroids. <i>Calcified Tissue International</i> , 2015, 96, 160-166.	3.1	26
70	A Rapid Skeletal Turnover in Radiographic Mimic of Osteopetrosis Might Be Secondary to Systemic Mastocytosis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 945-945.	2.8	5
71	Comb-locked cavity ring-down spectrometer. <i>Journal of Chemical Physics</i> , 2015, 142, 074201.	3.0	24
72	Strong relationship between vitamin D status and bone mineral density in anorexia nervosa. <i>Bone</i> , 2015, 78, 212-215.	2.9	49

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73	Dickkopf-1 and Sclerostin Serum Levels in Patients with Systemic Mastocytosis. <i>Calcified Tissue International</i> , 2015, 96, 410-416.	3.1	15
74	DXA bone mineral density in males: retrospective study in real life. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 425-430.	2.9	1
75	Experimental assessment of spanwise-oscillating dielectric electroactive surfaces for turbulent drag reduction in an air channel flow. <i>Experiments in Fluids</i> , 2015, 56, 1.	2.4	26
76	Prevalence and factors related to left ventricular systolic dysfunction in asymptomatic patients with rheumatoid arthritis. <i>Herz</i> , 2015, 40, 989-996.	1.1	21
77	Direct phase-locking of a 86- $\frac{1}{4}$ m quantum cascade laser to a mid-IR optical frequency comb: application to precision spectroscopy of N ₂ O. <i>Optics Letters</i> , 2015, 40, 304.	3.3	20
78	Friedmannâ€“Robertsonâ€“Walker transformational technique in paraxial wave optics. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 1834.	2.1	3
79	The use of bisphosphonates in women: when to use and when to stop. <i>Expert Opinion on Pharmacotherapy</i> , 2015, 16, 2409-2421.	1.8	13
80	Prednisone compared to methylprednisolone in the polymyalgia rheumatica treatment. <i>Rheumatology International</i> , 2015, 35, 735-739.	3.0	5
81	Vitamin D and rheumatic diseases. <i>Reumatismo</i> , 2014, 66, 153-170.	0.9	9
82	Why golimumab in the treatment of psoriatic arthritis, ankylosing spondylitis and rheumatoid arthritis?. <i>Reumatismo</i> , 2014, 66, 285-303.	0.9	5
83	Zoledronic Acid in Osteoporosis Secondary to Mastocytosis. <i>American Journal of Medicine</i> , 2014, 127, 1127.e1-1127.e4.	1.5	31
84	Dynamic performance of silicone dielectric elastomer actuators with bi-stable buckled beams. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
85	Relationship between body composition and both cardiovascular risk factors and lung function in systemic sclerosis. <i>Clinical Rheumatology</i> , 2014, 33, 77-82.	2.2	8
86	Bisphosphonates vs infliximab in ankylosing spondylitis treatment. <i>Rheumatology</i> , 2014, 53, 90-94.	1.9	47
87	The dielectric breakdown limit of silicone dielectric elastomer actuators. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	88
88	Distinct effect of zoledronate and clodronate on circulating levels of DKK1 and sclerostin in women with postmenopausal osteoporosis. <i>Bone</i> , 2014, 67, 189-192.	2.9	20
89	Higher Circulating Parathormone is Associated with Smaller and Weaker Bones in Obese Children. <i>Calcified Tissue International</i> , 2014, 95, 1-7.	3.1	19
90	Prevalence and incidence of rheumatoid arthritis in Italy. <i>Rheumatology International</i> , 2014, 34, 659-664.	3.0	76

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91	Sclerostin and Dickkopf-1 in Post-menopausal Renal Allograft Recipients. Transplantation Proceedings, 2014, 46, 2241-2246.	0.6	10
92	Bone Involvement and Osteoporosis in Mastocytosis. Immunology and Allergy Clinics of North America, 2014, 34, 383-396.	1.9	72
93	Cardiovascular risk stratification and management of patients with rheumatoid arthritis in clinical practice: The "EPIDAURO registry" International Journal of Cardiology, 2014, 172, 534-536.	1.7	10
94	Serum levels of bone cytokines in indolent systemic mastocytosis associated with osteopenia or osteoporosis. Journal of Allergy and Clinical Immunology, 2014, 133, 933-935.	2.9	12
95	Medication Use Before and After Hip Fracture: A Population-Based Cohort and Case-Control Study. Drugs and Aging, 2014, 31, 547-553.	2.7	20
96	Teriparatide Treatment in Adult Patients with Osteogenesis Imperfecta Type I. Calcified Tissue International, 2013, 93, 448-452.	3.1	68
97	Treatment Thresholds for Osteoporosis and Reimbursability Criteria: Perspectives Associated with Fracture Risk-Assessment Tools. Calcified Tissue International, 2013, 93, 195-200.	3.1	15
98	Acute Phase Response After Zoledronic Acid is Associated with Long-Term Effects on White Blood Cells. Calcified Tissue International, 2013, 93, 249-252.	3.1	27
99	Sclerostin and DKK1 in Primary Hyperparathyroidism. Calcified Tissue International, 2013, 92, 324-329.	3.1	57
100	Involvement of WNT/ β -catenin Signaling in the Treatment of Osteoporosis. Calcified Tissue International, 2013, 93, 121-132.	3.1	204
101	Frequency-comb-calibrated Doppler broadening thermometry. Physical Review A, 2013, 88, .	2.5	7
102	Performance losses of drag-reducing spanwise forcing at moderate values of the Reynolds number. Physics of Fluids, 2013, 25, .	4.0	46
103	Milliwatt-level frequency combs in the 8-14 μ m range via difference frequency generation from an Er:fiber oscillator. Optics Letters, 2013, 38, 1155.	3.3	74
104	Osteoporosis treatment: why ibandronic acid?. Expert Opinion on Pharmacotherapy, 2013, 14, 1371-1381.	1.8	11
105	Absolute molecular density determinations by direct referencing of a quantum cascade laser to an optical frequency comb. Applied Physics B: Lasers and Optics, 2013, 110, 155-162.	2.2	6
106	Treatment of complex regional pain syndrome type I with neridronate: a randomized, double-blind, placebo-controlled study. Rheumatology, 2013, 52, 534-542.	1.9	122
107	Pharmacokinetic evaluation of bazedoxifene for the treatment of osteoporosis. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 883-892.	3.3	10
108	Comb-assisted precision spectroscopy of NH ₃ at 9.1 μ m. , 2013, .		0

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109	Precision mid-infrared frequency combs and spectroscopic applications. Proceedings of SPIE, 2013, , .	0.8	1
110	Clinical development of neridronate: potential for new applications. Therapeutics and Clinical Risk Management, 2013, 9, 139.	2.0	21
111	Profile of bazedoxifene/conjugated estrogens for the treatment of estrogen deficiency symptoms and osteoporosis in women at risk of fracture. Drug Design, Development and Therapy, 2013, 7, 601.	4.3	18
112	Insight into the WNT system and its drug related response. Reumatismo, 2013, 65, 219-30.	0.9	7
113	Precision spectroscopy of NH ₃ at 9.1 μ m by a comb-referenced quantum cascade laser. , 2013, , .		0
114	Short-Term Effects on Bone Turnover Markers of a Single High Dose of Oral Vitamin D ₃ . Journal of Clinical Endocrinology and Metabolism, 2012, 97, E622-E626.	3.6	61
115	Analysis of the feed-forward method for the referencing of a CW laser to a frequency comb. Optics Express, 2012, 20, 24880.	3.4	13
116	Wide-bandwidth phase lock between a CW laser and a frequency comb based on a feed-forward configuration. Optics Letters, 2012, 37, 2592.	3.3	18
117	Coherent phase lock of a 9 μ m quantum cascade laser to a 2 μ m thulium optical frequency comb. Optics Letters, 2012, 37, 4083.	3.3	48
118	Frequency-stabilized 1 W optical comb at 22 μ m by Cr ²⁺ :ZnSe multipass amplification. Optics Letters, 2012, 37, 4440.	3.3	3
119	Sclerostin and DKK1 in postmenopausal osteoporosis treated with denosumab. Journal of Bone and Mineral Research, 2012, 27, 2259-2263.	2.8	87
120	Turbulent drag reduction at moderate Reynolds numbers via spanwise velocity waves. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 563-564.	0.2	1
121	Comb-assisted spectroscopy of CO ₂ absorption profiles in the near- and mid-infrared regions. Applied Physics B: Lasers and Optics, 2012, 109, 385-390.	2.2	11
122	250-MHz synchronously pumped optical parametric oscillator at 225 μ m and 41 μ m. Optics Express, 2012, 20, 22042.	3.4	19
123	Bisphosphonate treatment of postmenopausal osteoporosis is associated with a dose dependent increase in serum sclerostin. Bone, 2012, 50, 739-742.	2.9	63
124	Balanced-detection Raman-induced Kerr-effect spectroscopy. Physical Review A, 2012, 86, .	2.5	22
125	Dose-Dependent Short-Term Effects of Single High Doses of Oral Vitamin D ₃ on Bone Turnover Markers. Calcified Tissue International, 2012, 91, 365-369.	3.1	46
126	Long-Term Effects of Amino-Bisphosphonates on Circulating γ T Cells. Calcified Tissue International, 2012, 91, 395-399.	3.1	61

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127	Circulating $\hat{3}\hat{1}$ T cells and the risk of acute-phase response after zoledronic acid administration. Journal of Bone and Mineral Research, 2012, 27, 227-230.	2.8	41
128	Allergy and the bone: unexpected relationships. Annals of Allergy, Asthma and Immunology, 2011, 107, 202-206.	1.0	8
129	Bone mineral density, bone turnover markers and fractures in patients with indolent systemic mastocytosis. Bone, 2011, 49, 880-885.	2.9	95
130	High-precision molecular interrogation by direct referencing of a quantum-cascade-laser to a near-infrared frequency comb. Optics Express, 2011, 19, 17520.	3.4	39
131	16-W self-referenced frequency comb at 206 $\hat{\%}\hat{1}$ 4m using a Ho:YLF multipass amplifier. Optics Letters, 2011, 36, 2299.	3.3	14
132	Absolute frequency spectroscopy of CO ₂ lines at around 209 $\hat{\%}\hat{1}$ 4m by combined use of an Er: fiber comb and a Ho:YLF amplifier. Optics Letters, 2011, 36, 3921.	3.3	4
133	Brillouin-based DPSK Demodulation. , 2011, , .		0
134	Impact of Brillouin scattering on R-SOA based WDM PON power budget. , 2011, , .		0
135	Mid-infrared quantitative spectroscopy by comb-referencing of a quantum-cascade-laser: Application to the CO ₂ spectrum at 4.3 $\hat{\%}\hat{1}$ 4m. Applied Physics Letters, 2011, 99, 251107.	3.3	35
136	Long-Term Effects of Neridronate and its Discontinuation in Patients with Primary Hyperparathyroidism. Calcified Tissue International, 2011, 89, 21-28.	3.1	9
137	Structured FBC filters for 10-Gb/s DPSK signal demodulation in single ended applications. Optical Fiber Technology, 2011, 17, 156-159.	2.7	2
138	The Waning of Teriparatide Effect on Bone Formation Markers in Postmenopausal Osteoporosis Is Associated with Increasing Serum Levels of DKK1. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1555-1559.	3.6	82
139	Absolute frequency spectroscopy at 4.3 $\hat{\%}\hat{1}$ 4m by direct referencing of a Quantum-Cascade-Laser to an Er: Fiber laser-based frequency-comb. , 2011, , .		0
140	Rosiglitazone therapy is associated with major clinical improvements in a patient with fibrodysplasia ossificans progressiva. Journal of Bone and Mineral Research, 2010, 25, 1460-1462.	2.8	9
141	Passive mode-locking of a diode-pumped Tm:GdLiF ₄ laser. Applied Physics B: Lasers and Optics, 2010, 101, 75-78.	2.2	24
142	Capacitively Coupled Electric Field for Pain Relief in Patients with Vertebral Fractures and Chronic Pain. Clinical Orthopaedics and Related Research, 2010, 468, 735-740.	1.5	18
143	GH in combination with bisphosphonate treatment in osteogenesis imperfecta. European Journal of Endocrinology, 2010, 163, 479-487.	3.7	77
144	Temporal differentiators based on highly-structured fibre Bragg gratings. Electronics Letters, 2010, 46, 943.	1.0	6

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145	CW and femtosecond operation of a diode-pumped Yb:BaY ₂ F ₈ laser. <i>Optics Express</i> , 2010, 18, 6255.	3.4	3
146	Insulin-like growth factor-1 is associated with bone formation markers, PTH and bone mineral density in healthy premenopausal women. <i>Bone</i> , 2010, 46, 244-247.	2.9	34
147	Once-monthly oral ibandronate in postmenopausal osteoporosis: Translation and updated review. <i>Clinical Therapeutics</i> , 2009, 31, 1497-1510.	2.5	11
148	25-hydroxy vitamin D levels in healthy premenopausal women: Association with bone turnover markers and bone mineral density. <i>Bone</i> , 2009, 45, 423-426.	2.9	79
149	Neridronic acid for the treatment of bone metabolic diseases. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 1305-1311.	3.3	21
150	Intramuscular Neridronate in Postmenopausal Women with Low Bone Mineral Density. <i>Calcified Tissue International</i> , 2008, 83, 301-307.	3.1	17
151	Physical Activity and Bone Turnover Markers: A Cross-Sectional and a Longitudinal Study. <i>Calcified Tissue International</i> , 2008, 83, 388-392.	3.1	64
152	Synthesis of fiber Bragg grating filters for optimal DPSK demodulation. <i>Optical Fiber Technology</i> , 2008, 14, 259-261.	2.7	1
153	Demonstration of differential phase-shift keying demodulation at 10 Gbit/s optimal fiber Bragg grating filters. <i>Optics Letters</i> , 2008, 33, 1512.	3.3	7
154	Fiber strain sensor based on a π -phase-shifted Bragg grating and the Pound-Drever-Hall technique. <i>Optics Express</i> , 2008, 16, 1945.	3.4	148
155	Relationship between serum parathyroid hormone, vitamin D sufficiency, age, and calcium intake. <i>Bone</i> , 2008, 42, 267-270.	2.9	99
156	Experimental comparison between optimized fiber Bragg grating and delay-line interferometer for DPSK signal demodulation. , 2008, , .		0
157	Marked increases in bone mineral density and biochemical markers of bone turnover in patients with anorexia nervosa gaining weight. <i>Bone</i> , 2007, 40, 1073-1077.	2.9	69
158	Topological suppression of optical tunneling in a twisted annular fiber. <i>Physical Review A</i> , 2007, 76, .	2.5	37
159	Quantitative Ultrasound in Adults with Cystic Fibrosis: Correlation with Bone Mineral Density and Risk of Vertebral Fractures. <i>Calcified Tissue International</i> , 2007, 80, 44-49.	3.1	32
160	Interferential and horizontal therapies in chronic low back pain due to multiple vertebral fractures: a randomized, double blind, clinical study. <i>Osteoporosis International</i> , 2007, 18, 1541-1545.	3.1	25
161	Actively mode-locked Tm:Ho:LiYF ₄ and Tm:Ho:BaY ₂ F ₈ lasers. <i>Applied Physics B: Lasers and Optics</i> , 2007, 86, 269-273.	2.2	28
162	Group delay control of picosecond optical pulses in superstructured fiber Bragg gratings. , 2006, , .		0

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163	Tunability range of 245Ånm in a diode-pumped Tm:BaY2F8 laser at 1.9Å¼m: a theoretical and experimental investigation. Applied Physics B: Lasers and Optics, 2006, 85, 553-555.	2.2	21
164	Influence of two different GH dosage regimens on final height, bone geometry and bone strength in GH-deficient children. European Journal of Endocrinology, 2006, 154, 479-482.	3.7	12
165	Light slowing-down in superstructure fiber Bragg gratings. , 2006, , .		0
166	Intravenous Neridronate in Children With Osteogenesis Imperfecta: A Randomized Controlled Study. Journal of Bone and Mineral Research, 2005, 20, 758-763.	2.8	191
167	Intravenous Bisphosphonate Therapy Increases Radial Width in Adults With Osteogenesis Imperfecta. Journal of Bone and Mineral Research, 2005, 20, 1323-1326.	2.8	28
168	Optical buffering in phase-shifted fibre gratings. Electronics Letters, 2005, 41, 1075.	1.0	20
169	Bone Anabolic Agents: The Unanswered Queries. Basic and Clinical Pharmacology and Toxicology, 2004, 94, 257-259.	0.0	1
170	Relationship Between Lipids and Bone Mass in 2 Cohorts of Healthy Women and Men. Calcified Tissue International, 2004, 74, 136-142.	3.1	159
171	Bone turnover markers in patients with osteogenesis imperfecta. Bone, 2004, 34, 1013-1016.	2.9	62
172	Prevalence and correlates of vertebral fractures in adults with cystic fibrosis. Bone, 2004, 35, 771-776.	2.9	77
173	Intravenous Neridronate in Adults With Osteogenesis Imperfecta. Journal of Bone and Mineral Research, 2003, 18, 126-130.	2.8	122
174	The Volumetric Bone Density and Cortical Thickness in Adult Patients Affected by Osteogenesis Imperfecta. Journal of Clinical Densitometry, 2003, 6, 173-177.	1.2	25
175	Intravenous intermittent neridronate in the treatment of postmenopausal osteoporosis. Bone, 2003, 33, 342-345.	2.9	31
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191	AM mode-locked Tm-Ho:BaYF laser widely-tunable around 2.06 μm . , 0, , .		0