Pierre-Olivier Cheptou

List of Publications by Year
in descending order

47	2,395	279798 23	223800 46
papers	citations	h-index	g-index

47	47	47	3029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plant mating systems in a changing world. Trends in Ecology and Evolution, 2010, 25, 35-43.	8.7	458
2	The scope of Baker's law. New Phytologist, 2015, 208, 656-667.	7.3	178
3	Flowering plants under global pollinator decline. Trends in Plant Science, 2013, 18, 353-359.	8.8	137
4	Environmentâ€dependent inbreeding depression: its ecological and evolutionary significance. New Phytologist, 2011, 189, 395-407.	7.3	135
5	Adaptation to fragmentation: evolutionary dynamics driven by human influences. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160037.	4.0	118
6	Correlations among Fertility Components Can Maintain Mixed Mating in Plants. American Naturalist, 2009, 173, 1-11.	2.1	110
7	Pollination processes and the Allee effect in highly fragmented populations: consequences for the mating system in urban environments. New Phytologist, 2006, 172, 774-783.	7.3	98
8	Global biogeography of mating system variation in seed plants. Ecology Letters, 2017, 20, 375-384.	6.4	85
9	Selfâ€compatibility is overâ€represented on islands. New Phytologist, 2017, 215, 469-478.	7.3	84
10	Pollination Fluctuations Drive Evolutionary Syndromes Linking Dispersal and Mating System. American Naturalist, 2009, 174, 46-55.	2.1	83
11	The rise of research on futures in ecology: rebalancing scenarios and predictions. Ecology Letters, 2009, 12, 1277-1286.	6.4	79
12	Enemy release but no evolutionary loss of defence in a plant invasion: an inter-continental reciprocal transplant experiment. Oecologia, 2005, 146, 404-414.	2.0	74
13	The town Crepis and the country Crepis: How does fragmentation affect a plantâ€“pollinator interaction?. Acta Oecologica, 2009, 35, 1-7.	1.1	54
14	Competition/colonization syndrome mediated by early germination in non-dispersing achenes in the heteromorphic species Crepis sancta. Annals of Botany, 2012, 110, 1245-1251.	2.9	50
15	The evolution of self-fertilization in density-regulated populations. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1177-1186.	2.6	49
16	Gene-flow through space and time: dispersal, dormancy and adaptation to changing environments. Evolutionary Ecology, 2015, 29, 813-831.	1.2	47
17	Effects of fragmentation on plant adaptation to urban environments. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160038.	4.0	42
18	CSR ecological strategies and plant mating systems: outcrossing increases with competitiveness but stressâ€tolerance is related to mixed mating. Oikos, 2016, 125, 1296-1303.	2.7	38

#	Article	IF	Citations
19	EVOLUTIONARY SYNDROMES LINKING DISPERSAL AND MATING SYSTEM: THE EFFECT OF AUTOCORRELATION IN POLLINATION CONDITIONS. Evolution; International Journal of Organic Evolution, 2011, 65, 591-598.	2.3	35
20	Combining population genetics and demographical approaches in evolutionary studies of plant mating systems. Oikos, 2007, 116, 271-279.	2.7	34
21	The Robustness of Plant-Pollinator Assemblages: Linking Plant Interaction Patterns and Sensitivity to Pollinator Loss. PLoS ONE, 2015, 10, e0117243.	2.5	34
22	Natural selection on plant physiological traits in an urban environment. Acta Oecologica, 2016, 77, 67-74.	1.1	32
23	THE COST OF FLUCTUATING INBREEDING DEPRESSION. Evolution; International Journal of Organic Evolution, 2002, 56, 1059-1062.	2.3	27
24	Determinants of extinction in fragmented plant populations: Crepis sancta (asteraceae) in urban environments. Oecologia, 2012, 169, 703-712.	2.0	26
25	Weeds: Against the Rules?. Trends in Plant Science, 2020, 25, 1107-1116.	8.8	25
26	WHEN SHOULD WE EXPECT THE EVOLUTIONARY ASSOCIATION OF SELFâ€FERTILIZATION AND DISPERSAL?. Evolution; International Journal of Organic Evolution, 2011, 65, 1217-1220.	2.3	24
27	Colonization and extinction dynamics of an annual plant metapopulation in an urban environment. Oikos, 2011, 120, 1240-1246.	2.7	23
28	Frequencyâ€Dependent Inbreeding Depression in Amsinckia. American Naturalist, 2003, 162, 744-753.	2.1	21
29	Inferring seed bank from hidden <scp>M</scp>arkov models: new insights into metapopulation dynamics in plants. Journal of Ecology, 2013, 101, 1572-1580.	4.0	19
30	Persistence of Plants and Pollinators in the Face of Habitat Loss. Advances in Ecological Research, 2015, 53, 201-257.	2.7	17
31	Life-history traits evolution across distribution ranges: how the joint evolution of dispersal and mating system favor the evolutionary stability of range limits?. Evolutionary Ecology, 2012, 26, 771-778.	1.2	16
32	Paternity tests support a diallelic selfâ€incompatibility system in a wild olive (Olea europaea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	16
33	High incidence of dioecy in young successional tropical forests. Journal of Ecology, 2015, 103, 725-732.	4.0	15
34	Dividing a Maternal Pie among Half-Sibs: Genetic Conflicts and the Control of Resource Allocation to Seeds in Maize. American Naturalist, 2018, 192, 577-592.	2.1	15
35	Ploidy and the Evolution of Endosperm of Flowering Plants. Genetics, 2010, 184, 439-453.	2.9	14
36	Seasonâ€dependent effect of cleistogamy in Lamium amplexicaule: flower type origin versus inbreeding status. American Journal of Botany, 2020, 107, 155-163.	1.7	13

#	Article	IF	Citations
37	Does cleistogamy variation translate into outcrossing variation in the annual species Lamium amplexicaule (Lamiaceae)?. Plant Systematics and Evolution, 2014, 300, 2105-2114.	0.9	12
38	Spectral analysis of simulated species distribution maps provides insights into metapopulation dynamics. Ecological Modelling, 2007, 205, 314-322.	2.5	11
39	Mowing influences communityâ€level variation in resourceâ€use strategies and flowering phenology along an ecological succession on Mediterranean road slopes. Applied Vegetation Science, 2017, 20, 376-387.	1.9	11
40	A general method for estimating seed dormancy and colonisation in annual plants from the observation of existing flora. Ecology Letters, 2018, 21, 1311-1318.	6.4	11
41	Exploring the difficulties of studying futures in ecology: what do ecological scientists think?. Oikos, 2010, 119, 1364-1376.	2.7	8
42	Rapid divergent evolution of an annual plant across a latitudinal gradient revealed by seed resurrection. Evolution; International Journal of Organic Evolution, 2021, 75, 2759-2772.	2.3	5
43	Nine polymorphic microsatellite markers inCrepis sancta(Asteraceae). Molecular Ecology Notes, 2007, 7, 681-683.	1.7	3
44	Isolation and Characterization of Microsatellite Markers for the Cleistogamous SpeciesLamium amplexicaule(Lamiaceae). Applications in Plant Sciences, 2013, 1, 1200259.	2.1	3
45	A spatial Markovian framework for estimating regional and local dynamics of annual plants with dormancy. Theoretical Population Biology, 2019, 127, 120-132.	1.1	3
46	Does seed mass drive interspecies variation in the effect of management practices on weed demography?. Ecology and Evolution, 2021, 11, 13166-13174.	1.9	3
47	Differences in seed dormancy and germination in amphicarpic legumes: manifold bet-hedging in space and time. Journal of Plant Ecology, 2021, 14, 662-672.	2.3	0