

# Pierre-Olivier Cheptou

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,395  
citations

279798

23  
h-index

223800

46  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3029  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in seed dormancy and germination in amphicarpic legumes: manifold bet-hedging in space and time. <i>Journal of Plant Ecology</i> , 2021, 14, 662-672.	2.3	0
2	Does seed mass drive interspecies variation in the effect of management practices on weed demography?. <i>Ecology and Evolution</i> , 2021, 11, 13166-13174.	1.9	3
3	Rapid divergent evolution of an annual plant across a latitudinal gradient revealed by seed resurrection. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2759-2772.	2.3	5
4	Seasonâ€dependent effect of cleistogamy in <i>Lamium amplexicaule</i> : flower type origin versus inbreeding status. <i>American Journal of Botany</i> , 2020, 107, 155-163.	1.7	13
5	Weeds: Against the Rules?. <i>Trends in Plant Science</i> , 2020, 25, 1107-1116.	8.8	25
6	Paternity tests support a diallelic selfâ€incompatibility system in a wild olive ( <i>Olea europaea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	16
7	A spatial Markovian framework for estimating regional and local dynamics of annual plants with dormancy. <i>Theoretical Population Biology</i> , 2019, 127, 120-132.	1.1	3
8	Dividing a Maternal Pie among Half-Sibs: Genetic Conflicts and the Control of Resource Allocation to Seeds in Maize. <i>American Naturalist</i> , 2018, 192, 577-592.	2.1	15
9	A general method for estimating seed dormancy and colonisation in annual plants from the observation of existing flora. <i>Ecology Letters</i> , 2018, 21, 1311-1318.	6.4	11
10	Global biogeography of mating system variation in seed plants. <i>Ecology Letters</i> , 2017, 20, 375-384.	6.4	85
11	Adaptation to fragmentation: evolutionary dynamics driven by human influences. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160037.	4.0	118
12	Selfâ€compatibility is overâ€represented on islands. <i>New Phytologist</i> , 2017, 215, 469-478.	7.3	84
13	Mowing influences communityâ€level variation in resourceâ€use strategies and flowering phenology along an ecological succession on Mediterranean road slopes. <i>Applied Vegetation Science</i> , 2017, 20, 376-387.	1.9	11
14	Effects of fragmentation on plant adaptation to urban environments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160038.	4.0	42
15	Natural selection on plant physiological traits in an urban environment. <i>Acta Oecologica</i> , 2016, 77, 67-74.	1.1	32
16	CSR ecological strategies and plant mating systems: outcrossing increases with competitiveness but stressâ€tolerance is related to mixed mating. <i>Oikos</i> , 2016, 125, 1296-1303.	2.7	38
17	The scope of Baker's law. <i>New Phytologist</i> , 2015, 208, 656-667.	7.3	178
18	The Robustness of Plant-Pollinator Assemblages: Linking Plant Interaction Patterns and Sensitivity to Pollinator Loss. <i>PLoS ONE</i> , 2015, 10, e0117243.	2.5	34

#	ARTICLE	IF	CITATIONS
19	Persistence of Plants and Pollinators in the Face of Habitat Loss. <i>Advances in Ecological Research</i> , 2015, 53, 201-257.	2.7	17
20	High incidence of dioecy in young successional tropical forests. <i>Journal of Ecology</i> , 2015, 103, 725-732.	4.0	15
21	Gene-flow through space and time: dispersal, dormancy and adaptation to changing environments. <i>Evolutionary Ecology</i> , 2015, 29, 813-831.	1.2	47
22	Does cleistogamy variation translate into outcrossing variation in the annual species <i>Lamium amplexicaule</i> (Lamiaceae)? <i>Plant Systematics and Evolution</i> , 2014, 300, 2105-2114.	0.9	12
23	Isolation and Characterization of Microsatellite Markers for the Cleistogamous Species <i>Lamium amplexicaule</i> (Lamiaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1200259.	2.1	3
24	Flowering plants under global pollinator decline. <i>Trends in Plant Science</i> , 2013, 18, 353-359.	8.8	137
25	Inferring seed bank from hidden Markov models: new insights into metapopulation dynamics in plants. <i>Journal of Ecology</i> , 2013, 101, 1572-1580.	4.0	19
26	Competition/colonization syndrome mediated by early germination in non-dispersing achenes in the heteromorphic species <i>Crepis sancta</i> . <i>Annals of Botany</i> , 2012, 110, 1245-1251.	2.9	50
27	Determinants of extinction in fragmented plant populations: <i>Crepis sancta</i> (asteraceae) in urban environments. <i>Oecologia</i> , 2012, 169, 703-712.	2.0	26
28	Life-history traits evolution across distribution ranges: how the joint evolution of dispersal and mating system favor the evolutionary stability of range limits? <i>Evolutionary Ecology</i> , 2012, 26, 771-778.	1.2	16
29	Environment-dependent inbreeding depression: its ecological and evolutionary significance. <i>New Phytologist</i> , 2011, 189, 395-407.	7.3	135
30	Colonization and extinction dynamics of an annual plant metapopulation in an urban environment. <i>Oikos</i> , 2011, 120, 1240-1246.	2.7	23
31	EVOLUTIONARY SYNDROMES LINKING DISPERSAL AND MATING SYSTEM: THE EFFECT OF AUTOCORRELATION IN POLLINATION CONDITIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 591-598.	2.3	35
32	WHEN SHOULD WE EXPECT THE EVOLUTIONARY ASSOCIATION OF SELF-FERTILIZATION AND DISPERSAL? <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1217-1220.	2.3	24
33	Exploring the difficulties of studying futures in ecology: what do ecological scientists think? <i>Oikos</i> , 2010, 119, 1364-1376.	2.7	8
34	Ploidy and the Evolution of Endosperm of Flowering Plants. <i>Genetics</i> , 2010, 184, 439-453.	2.9	14
35	Plant mating systems in a changing world. <i>Trends in Ecology and Evolution</i> , 2010, 25, 35-43.	8.7	458
36	Correlations among Fertility Components Can Maintain Mixed Mating in Plants. <i>American Naturalist</i> , 2009, 173, 1-11.	2.1	110

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37	Pollination Fluctuations Drive Evolutionary Syndromes Linking Dispersal and Mating System. <i>American Naturalist</i> , 2009, 174, 46-55.	2.1	83
38	The rise of research on futures in ecology: rebalancing scenarios and predictions. <i>Ecology Letters</i> , 2009, 12, 1277-1286.	6.4	79
39	The town <i>Crepis</i> and the country <i>Crepis</i> : How does fragmentation affect a plant-pollinator interaction?. <i>Acta Oecologica</i> , 2009, 35, 1-7.	1.1	54
40	Combining population genetics and demographical approaches in evolutionary studies of plant mating systems. <i>Oikos</i> , 2007, 116, 271-279.	2.7	34
41	Nine polymorphic microsatellite markers in <i>Crepis sancta</i> (Asteraceae). <i>Molecular Ecology Notes</i> , 2007, 7, 681-683.	1.7	3
42	Spectral analysis of simulated species distribution maps provides insights into metapopulation dynamics. <i>Ecological Modelling</i> , 2007, 205, 314-322.	2.5	11
43	Pollination processes and the Allee effect in highly fragmented populations: consequences for the mating system in urban environments. <i>New Phytologist</i> , 2006, 172, 774-783.	7.3	98
44	Enemy release but no evolutionary loss of defence in a plant invasion: an inter-continental reciprocal transplant experiment. <i>Oecologia</i> , 2005, 146, 404-414.	2.0	74
45	Frequency-Dependent Inbreeding Depression in <i>Amsinckia</i> . <i>American Naturalist</i> , 2003, 162, 744-753.	2.1	21
46	The evolution of self-fertilization in density-regulated populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1177-1186.	2.6	49
47	THE COST OF FLUCTUATING INBREEDING DEPRESSION. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1059-1062.	2.3	27